GOVERNMENT OF THE
CENTRAL PROVINCES AND BERAR

ANNUAL REPORT

OF THE

PUBLIC HEALTH DEPARTMENT

IN THE

CENTRAL PROVINCES & BERAR

FOR THE YEAR

1940

NAGPUR
GOVERNMENT PRINTING, C. P. & BERAR
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GOVERNMENT OF THE CENTRAL PROVINCES AND BERAR

PUBLIC HEALTH DEPARTMENT

Nagpur, the 1st October 1941.

READ—

The Public Health Report of the Central Provinces and Berar for the year ending the 31st December 1940, submitted by the Director of Public Health, Central Provinces and Berar.

RESOLUTION

The year 1940 was comparatively healthy. The death and birth rates were 30.30 (31.07) and 37.58 (38.28) per mille against the quinquennial averages of 34.80 and 41.91, respectively. The urban birth and death rates were 4.85 and 2.68 higher than the rural rates. The rate of infant mortality rose to 226.07 (218.62) against the quinquennial average of 226.79 and, as in the case of birth and death rates, the urban infant mortality rate exceeded the rural by 12.68. It is depressing to find that Nagpur, the capital of the province where public health facilities should be of the best, should show the highest infant mortality rate (294.60) in the province. This province continues to have the unenviable distinction of the highest death and infant mortality rates in the whole of India.

2. Compared with the preceding year, there was a decrease in deaths recorded under all heads except cholera and smallpox which showed a slight rise of 0.20 and 0.23, respectively. Yeotmal district had the largest number of cholera cases (1,842), while the Betul, Saugor, Mandla, Hoshangabad and Nimar districts remained free. Once again the unsatisfactory condition of water-supply in rural areas is emphasised by the higher death rate from cholera in the rural areas than in the urban. Cholera was found to have an outside origin during the year, having been imported by pilgrims returning from Jagannath Puri. It is worthy of record that in pursuance of a resolution passed by the Central Advisory Board of Public Health at its third meeting held in July 1940 the Provincial Government has amended the temporary cholera regulations under the Epidemic Diseases Act so as to empower the District Magistrate to prohibit, where necessary, uninoculated persons from attending any fair. This measure will, it is hoped, check to a great extent dissemination of the disease from fairs held in this province.

3. (*a*) The number of deaths from smallpox increased to 4,607 (762); in the Nagpur district alone the number was 1,050 (45). 35 per cent of the deaths from this disease were among infants less than a year old and 47 per cent among children between 1 year and 10 years old.

(*b*) Plague remained dormant with only 283 (852) deaths. The infection was of a mild type, the mortality being only 11 per cent.

(*c*) "Fevers" accounted for 291,933 (300,332) deaths; May being the worst month.

4. As usual malaria took a heavy toll of life, being responsible for 52 (54) per cent of the total mortality. In many districts the disease is endemic and widespread and is the main problem confronting the public health staff. A special survey and an anti-mosquito campaign were carried out in the Civil Station area of Nagpur by a sub-assistant health officer trained in malariology. It is now proposed to transfer him to a rural area noted for its high incidence of malaria. Quinine was distributed free in hyper-endemic areas of the province by both the public health and revenue staff. Free distribution was also made out of the Government of India gift of quinine in the whole province according to the relative severity of the disease in the districts. During the year, the Madras Government expressed its inability to comply with normal indents from this province for quinine and cinchona febrifuge with the result that great scarcity of the two drugs prevailed for a time. Supplies from the Government of India subsequently relieved the situation. It was decided to participate in the Government of India scheme and to build up a reserve stock of 1,600 lb. quinine by purchasing 400 lb. every year in excess of the normal annual requirement of the province. Recently, Government has sanctioned a grant of Rs. 5,000 for free distribution of quinine in the Mandla district out of the Government of India allotment of Rs. 1 lakh for the welfare of the aborigines.

5. Deaths recorded from leprosy continue to increase. The number in the year under report was 2,053 against 1,804 in 1939 and 1,579 in 1938. Three more additional treatment centres were opened making a total of 44 (41). The number of sub-centres was 61 (58). It is satisfactory to note that attendance for treatment continued to increase steadily, the figures for the present and the two preceding years being respectively 150,404, 117,577 and 87,599. Systematic survey and active propaganda resulted in 1,138 (1,181), new cases being discovered and brought under treatment. The Maharogi Seva Mandal continued to do good work in Wardha and has now three leprosy clinics with sub-centres. A special leprosy training class was arranged in Nagpur under Dr. John Lowe of Calcutta and was attended by 22 sub-assistant health officers, 4 assistant surgeons, 25 assistant medical officers and 3 private medical practitioners. The questions of accommodating burnt-out cases elsewhere than in clinics and asylums, so as to make room for active and infective cases requiring hospital treatment, and establishing leper colonies with the aid of local bodies is engaging the attention of Government at present. A reference to leprosy cannot be concluded without a word of tribute to the Mission for Lepers and other kindred bodies who are carrying on against odds, a noble and stubborn fight against this foul disease.

6. Mortality from tuberculosis increased to 0.08 (0.07). There was an all-round increase in the work performed by the four tuberculosis clinics at Nagpur, Jubbulpore, Raipur and Amraoti, the number of patients attending them having very nearly trebled. Home visiting also showed a substantial increase. The Provincial Tuberculosis Association examined the recommendations made in 1939 by Dr. C. Frimodt-Moller, the Medical Commissioner of the Tuberculosis Association of India, and has framed certain concrete schemes to be carried out with the co-operation of Government. The Sanatorium at Pendra

Road continues to render excellent service to the cause of treatment and cure of this fairly common disease. Government is glad to note the increasing interest and sympathy shown in this subject by both the public and the medical profession.

7. The year under report was the second year of the operation of the scheme of having one sub-assistant health officer in each tahsil of the province. The record of work done by them in visiting villages, treating patients, delivering lectures on health subjects, performing anti-cholera inoculations and inspecting sources of water-supply, sanitation, etc., was satisfactory. It has, however, to be remembered that this was a first step in the re-organization of the public health services in the province which are rightly regarded by the Director of Public Health as grossly insufficient for the needs of the province. Government is satisfied that further expansion is essential but it will have to be carried out gradually as funds permit.

8. Rural water-supply continues to be unsatisfactory and progress in improving it out of the Government of India grant for rural development and from provincial funds is slow, despite all efforts. During the year the construction of 62 wells and 2 tanks was sanctioned at a cost of Rs. 43,149 and the works are in progress. 57 wells sanctioned during the previous year were completed. Local bodies on whom primarily rests the responsibility of improving rural water-supply must earmark larger sums of money for the purpose and organize their public works department so as to take the fullest advantage of the Government grants made in this behalf.

9. The number of child welfare centres increased to 79 (74) of which 57 (58) were urban and 22 (16) were rural. Attendance at these centres rose to 628,377 (601,435) and the number of home visits paid by health visitors rose to 323,299 (295,706). The growing activity of child welfare centres is welcome but it is hardly necessary to state that vastly greater expansion in the number of centres and their activities must take place if the alarming infant mortality rate of 226.07, unfortunately the highest in the country, is to be brought down.

10. Lt.-Col. S. N. Makand, I.M.S., held the post of the Director of Public Health throughout the year. Government desires to place on record its appreciation of the keen interest and untiring zeal displayed by him in all branches of public health work and of his efficient administration of the department. His deputation to military duty just before he was due to retire is a loss to the province; during the seven years of his tenure he had acquired an intimate knowledge of the many public health problems of the province. Government also records its appreciation of the good work done by the members of the public health staff mentioned by Lt.-Col. Makand in his report.

ORDER.—Ordered that a copy be forwarded to the Director of Public Health, Central Provinces and Berar, for information, and that it be published in the *Central Provinces and Berar Gazette*.

By order of the Governor, C. P. & Berar,

C. C. DESAI,

Secy. to Govt., C. P. & Berar, Pub. Health Dept.

[illegible] continue to render excellent service in the matter of treatment and care of this [illegible] disease. Government is glad to note the increasing interest and [illegible] shown in this subject by both the public and the medical profession.

The year under report was the [illegible] year of the operation of the scheme of having one [illegible] health officer in each [illegible] of the [illegible]. The record of work done by them [illegible] [illegible], treatment, [illegible], health [illegible], [illegible] and [illegible] and inspecting sources of water supply, [illegible] [illegible] [illegible]. It [illegible] to Government [illegible] first step in the [illegible] of the public health [illegible] in the province which are [illegible] by the Director of Public Health as [illegible] [illegible] for the [illegible] of the province. Government [illegible] that further [illegible] will have to be carried out gradually as funds permit.

Rural water supply continues [illegible] and [illegible] in [illegible] of the Government of India grant for rural development and [illegible] is slow, despite all efforts. During the year [illegible] construction of [illegible] wells and [illegible] was sanctioned at a cost of Rs. [illegible] and [illegible] works are in progress. [illegible] wells sanctioned during the previous year were completed. Local bodies in [illegible] [illegible] the [illegible] of improving rural water-supply [illegible] [illegible] [illegible] of money for the purpose and organise the [illegible] public works department so as to take the fullest advantage of the Government's [illegible] in this behalf.

The number of child welfare centres increased to [illegible] [illegible] [illegible] [illegible] [illegible]. Attendance at these centres rose to [illegible] and the number of [illegible] [illegible] [illegible] [illegible]. The growing [illegible] of child welfare centres is welcome but it is hardly necessary to state that [illegible] greater expansion in the number of centres and their [illegible] [illegible] if the alarming infant mortality rate of [illegible] unfortunately the highest in the country, is to be brought down.

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Order.—Ordered that a copy be forwarded to the Director of Public Health, [illegible] [illegible], and [illegible] for information and that it be published in the [illegible] [illegible] Gazette.

By order of the Governor [illegible],

C. C. DESAI,

[illegible] to Govt., [illegible] [illegible] Health Dept.

ANNUAL REPORT OF THE PUBLIC HEALTH DEPARTMENT IN THE CENTRAL PROVINCES AND BERAR FOR THE YEAR 1940

CHAPTER I.—METEOROLOGY AND ECONOMIC CONDITIONS

1. **(a) Rainfall and climate**—*January*.—Weather was generally dry except for fairly widespread thunder-showers in the northernmost districts on the 18th and isolated showers in the west on the 26th and 27th. The total rainfall during the month was in large defect.

February.—Fairly widespread thunder-showers occurred between the 5th and 10th in association with western disturbances. During the next twelve days a spell of dry weather followed. In the east there were scattered thunder-showers between 22nd and 25th. In Berar the total rainfall was in large defect, in west Central Provinces it was in moderate defect and in other parts in slight defect. Cloud amount was in excess.

March.—There were local showers in the Province excluding Berar during the second week and in parts of the east Central Provinces in the third week. Between the 18th and 25th there were also isolated showers in the Raipur district. Weather was generally dry total rainfall was normal in the eastern Central Provinces and in large defect in other parts.

April.—Except for isolated thunder-showers the first fortnight was generally dry. During the second fortnight particularly in Berar thunder-storm activity was pronounced. In this period there was fairly widespread rain on several days. The total rainfall was in moderate excess in Berar.

May.—During the first few days thunder-storm activity continued but the associated rainfall was slight. Weather was then dry till the 20th except for a few thunder-showers in the eastern districts between 15th and 19th. During the last week there was a marked increase in the thunder-storm activity. In the east Central Provinces particularly there was fairly widespread rain on several days. In Berar the total rainfall was in moderate defect, in the west Central Provinces in slight defect and in the east Central Provinces it was normal.

June.—During the first three days, local thunder-showers occurred in the east Central Provinces. Thunder-storms started from about the 10th and continued fairly widespread till the 20th. With the advent of the monsoon widespread heavy rainfall several stations recording more than 6″ of rain on a day. In the last two days, the monsoon became weak.

July.—During the first and second weeks the activity of the monsoon was intensified. There was widespread and locally heavy rain between the 1st and 5th and between the 8th and 14th. In these periods several stations recorded more than 10″ of rain. In the third week the monsoon continued fairly strong and there

was widespread rain. From about the 26th the monsoon continued strong till the end of the month, causing widespread and locally heavy rain.

August.—The main features were steady monsoon and well distributed rainfall. There was widespread rain during the first week. Bilaspur and Mungeli towns each recorded 10″ on the 22nd. The monsoon was weak in the last few days and rainfall was mostly conjoined to the eastern districts.

September.—During the first fortnight the break in the activity of the monsoon continued. There were scattered showers. During the last three days the weather was generally dry.

October.—During the first ten days the weather was generally dry. There was widespread rainfall in the Province from 16th to 21st. Weather was generally dry in the last ten days. In Berar, the total rainfall was in large excess, in the east Central Provinces in slight excess and in the west Central Provinces it was normal.

November.—Between the 1st and 25th the weather was dry in the Province. Fairly widespread showers occurred between 27th and 29th and isolated showers on 26th and 30th. In Berar, the total rainfall was in large excess, in west Central Provinces in slight excess and in east Central Provinces in moderate defect.

December.—Between the 1st and 9th the weather was generally dry. There was local rain on the 11th and 12th and isolated showers on 10th and 13th. There was local rain again on the 19th and 20th and widespread rain in the east Central Provinces on the 21st. During the rest of the month, the weather was generally dry. In Berar, the total rainfall was in slight defect and in other two sub-divisions it was in large excess.

Taking the year as a whole the total rainfall was normal in the east Central Provinces and in slight excess in other two sub-divisions.

Temperature and rainfall charts are attached as appendices K and L.

(b) Crops.—Germination was satisfactory. In part of Nimar, Betul, Chhindwara, Wardha, Nagpur, Chanda, Drug, Raipur and Yeotmal districts where resowing over areas adversely affected by excessive rains was necessary. Heavy and persistent rainfall in the first three weeks of August damaged the crops considerably but welcome break in the rains at the end improved them materially and some of the lost ground was regained.

2. Economic condition.—No deficiency of food stuffs. Fodder and water were generally sufficient. In parts of Saugor and Mandla districts however shortage of fodder was felt. Prices were except towards the end of the year generally steady. Economic condition of agriculturist was not sound. Money market was tight. There was sufficient employment for labourers on adequate wages.

CHAPTER II.—VITAL STATISTICS

1. Registration.—There was no change in the system of registration, compilation and publication of vital statistics.

The following registration, omissions were found on checking Kotwars and Police registers by the Revenue, Police, Vaccination and Medical Officers :—

	Births	Deaths	Still-births
Urban areas ..	2,080	1,829	[illegible]
Rural areas ..	6,283	4,066	87

The Medical and Vaccination staff respectively checked 543,720 [438,347] entries by house-to-house inquiries. The Director of Public Health investigated the method of registration and checked vital statistics in 32 municipal towns, five notified areas and 39 villages.

2. Population.—(*a*) The 1931 census population of the reconstituted Central Provinces and Berar was 15,323,080.

(*b*) *Estimated population.*—In accordance with letter No. 45-93-39-P. H., dated the 10th February 1940, from the Public Health Commissioner with the Government of India the estimated mid-year population was 16,709,712 and on this basis the provincial birth and death rates have been calculated.

The distribution of the population was—

Urban area ..	1,858,004
Rural areas ..	14,851,708
Total ..	16,709,712

Changes in area—*Nil*.

The estimated population according to classes was—

Class	Population
Hindus ..	14,354,396
Muhammadans ..	743,515
Christians, Europeans and Anglo-Indians.	54,868
Others ..	1,556,933
Total ..	16,709,712

3. Births and birth-rate.—(*a*) The total number of births registered during the year was 627,946 [634,908] consisting of 322,783 [326,065] males and 305,163 [308,843] females, giving a birth-rate of 37.58 [38.28] against the quinquennial average of 41.91.

The population of male births to female births was as 105.77 [105.58] is to 100.

The rate of natural increase in population, *i.e.*, the excess of birth over the death rate was 7.28 [7.21].

Eleven districts recorded a higher birth-rate than the provin cial average, the chief amongst them being Nimar (50.81), Jub bulpore (42.29), Saugor (42.21) and Hoshangabad (40.47). The lowest birth-rate was recorded in Balaghat (32.94).

(*b*) *Seasonal variation.*—As in previous years, low rates obtained during the first eight months of the year. The lowest (2.51) being recorded in June. Higher rates recorded were in October (3.81), Nimar (3.61), December (3.50) and September (3.48).

The comparative birth-rates for the Province during 1901 to 1940 are shown in Graph No. I.

(*c*) *Birth and birth-rates in urban and rual areas.*—The total number of births registered in urban areas was 77,826 [76,292] giving a birth-rate of 41.89 [41.50]. The towns which recorded high birth-rates were Kareliganj (104.96), Champa (69.12), Chota-Chhindwara (66.19), Sihora (60.72), Deori (60.48), Saugor (60.26), Jubbulpore (59.11) and Anjangaon (56.65). Low rates were recorded in Jubbulpore Cantonment (6.33), Dattapur (12.24), Pachmarhi (22.00), Pathrot (27.02) and Mandla (28.63).

The total number of births in rural areas was 550,120 [558,616] corresponding to a birth-rate of 37.04 [37.87]. The urban birth-rate was higher by 4.85 [3.63].

Birth and birth-rates according to classes :—

Classes	Population	Number of births	Birth-rate
Hindus ..	14,354,396	517,814 (516,136)	36·07 (36·22)
Mohammadans ..	743,515	27,857 (27,251)	37·47 (36·92)
Christians, Europeans and Anglo-Indians.	54,868	1,170 (1,143)	21·32 (20·98)
Others ..	1,556,933	81,105 (90,378)	52·09 (58·48)

As compared to previous year, the Hindus and "Others" birth-rates show a decline of 0.15 and 4.39. The birth-rates of Mohammadans and Christians show an increase of 0.55 and 0.34, respectively.

4. Death and death-rate.—(*a*) 506,224 [515,300] deaths, consisting of 267,721 [270,609] males and 238,503 [244,691] females were registered, giving a corrected death-date of 30.30 [31.07] against the quinquennial average of 33.80.

The proportion of male deaths to female deaths was as 112.25 [110.59] is to 100.

Ten districts returned a higher rate than the provincial average (30.30)—the most prominent being Saugor (39.50), Nimar (39.45), Jubbulpore (36.59), Mandla (35.00), Nagpur (33.24), and Yeotmal (31.85). The high death-rate in these districts is ascribed to fevers, respiratory diseases and "all other causes". The lowest death-rate was recorded in Balaghat (23.89), followed by Bhandara (26.46), Buldana (26.54) and Raipur (26.78).

(*b*) *Deaths and death-rate in urban and rural areas.*—60,725 [57,075] deaths occurred in urban areas, giving a death-rate of 32.68 [31.05]. Among the towns recording high mortality are Kareliganj (93.30), Champa (71.27) Chota-Chhindwara (55.30) and Amraoti (49.61).

There were 445,499 [458,225] deaths in rural areas, corresponding to a death-rate of 30.00 [31.07]. The urban rate exceeded rural rate by 2.68.

(*c*) *Seasonal variations in mortality.*—Severity of mortality rate according to months was in the following order:—

September (3.08), October (2.95), January (2.68), May (2.67), November (2.65), April (2.53), August (2.52), March (2.49), December (2.37), February (2.31), June (2.06) and July (1.97).

These high figures are attributed to Malaria.

(*d*) *Mortality according to sexes.*—267,721 [270,609] deaths occurred among males and 238,503 [244,691] among females, the death-rate for the two sexes being 32.15 [32.71] and 28.46 [29.43] respectively. The proportion of male to female deaths was 112.25 [110.59] to 100.

(*e*) *Mortality according to classes*—

Hindu death-rate—29.33.

Mohammadan death-rate—27.63.

Christian death-rate—11.34 }
Others death-rate—28.77 } 40.11.

(*f*) *Deaths according to age.*—A statement showing death-rates under specified age groups on the estimated mid-year population of 1940 is attached as Appendix A.

Of the total deaths registered, the highest number, *viz.*, 237,921 or 47.00 [47.17 in 1939 and 45.58 in 1938] per cent was amongst children under five years of age. Of this, 28.04 [26.94] per cent was contributed by infants under one year of age and is classified as follows:—

7.27 [7.55] under one week.

5.96 [5.77] over one week and not exceeding one month.

8.39 [7.59] over one month and not exceeding six months.

6.42 [6.03] over six months and not exceeding 12 months.

The birth and death-rates from 1901 to 1940 are shown in Graph No. I.

5. **Infant mortality and rates.**—(*a*) The mortality among infants under one year of age was 141,961 [138,806] or 226.07 [218.62] per thousand births, against quinquennial average of 226.79. A statement of infant mortality rates by districts is attached as statement No. IV (*a*).

A graph showing infant mortality rates from 1905 to 1940 is attached as Graph No. II.

(*b*) *Causes of infant mortality.*—The main causes of infant mortality are prematurity, inanition, malnutrition (chiefly owing to want of mother's milk), diarrhoea (due to faulty and dirty feeding), respiratory causes and "fevers".

Smallpox caused 1,616 [241] deaths among children under one year.

(*c*) *Infant mortality by districts.*—The annual average infant mortality rate (226.07) was exceeded in the following districts :—

Jubbulpore (269), Nagpur (265), Hoshangabad (258), Wardha (249), Nimar (244), Saugor (243) and Drug (230).

The following districts recorded lower than the general rates :—

Mandla (190), Buldana (194) and Balaghat (204).

A graph illustrating the infant mortality rate in various districts is attached as Graph No. III.

(*d*) *Seasonal infantile mortality.*—The maximum occurred in September (13,954) and the minimum in July (9,949).

(*e*) *Infant mortality in urban and rural areas.*—18,459 [16,020] infants died in towns yielding an infant mortality rate of 237.18 [209.98] as compared with 123,502 [122,786] infants in rural areas, giving an infant mortality rate of 224.50 [219.80]. The urban rate exceeded the rural rate by 12.68. Among the larger towns were Nagpur (294.60), Chhindwara (284.30), Hoshangabad (270.65), Saugor (258.04) and Jubbulpore (253.97).

(*f*) *Infant mortality by classes*—

Hindus 230.76 [225.09].

Mohammedans 184.41 [180.76].

Christians 202.56 [151.30].

Others 214.52 [193.99].

CHAPTER III.—THE STATE OF PUBLIC HEALTH IN THE PROVINCE AND HISTORY OF CHIEF DISEASES

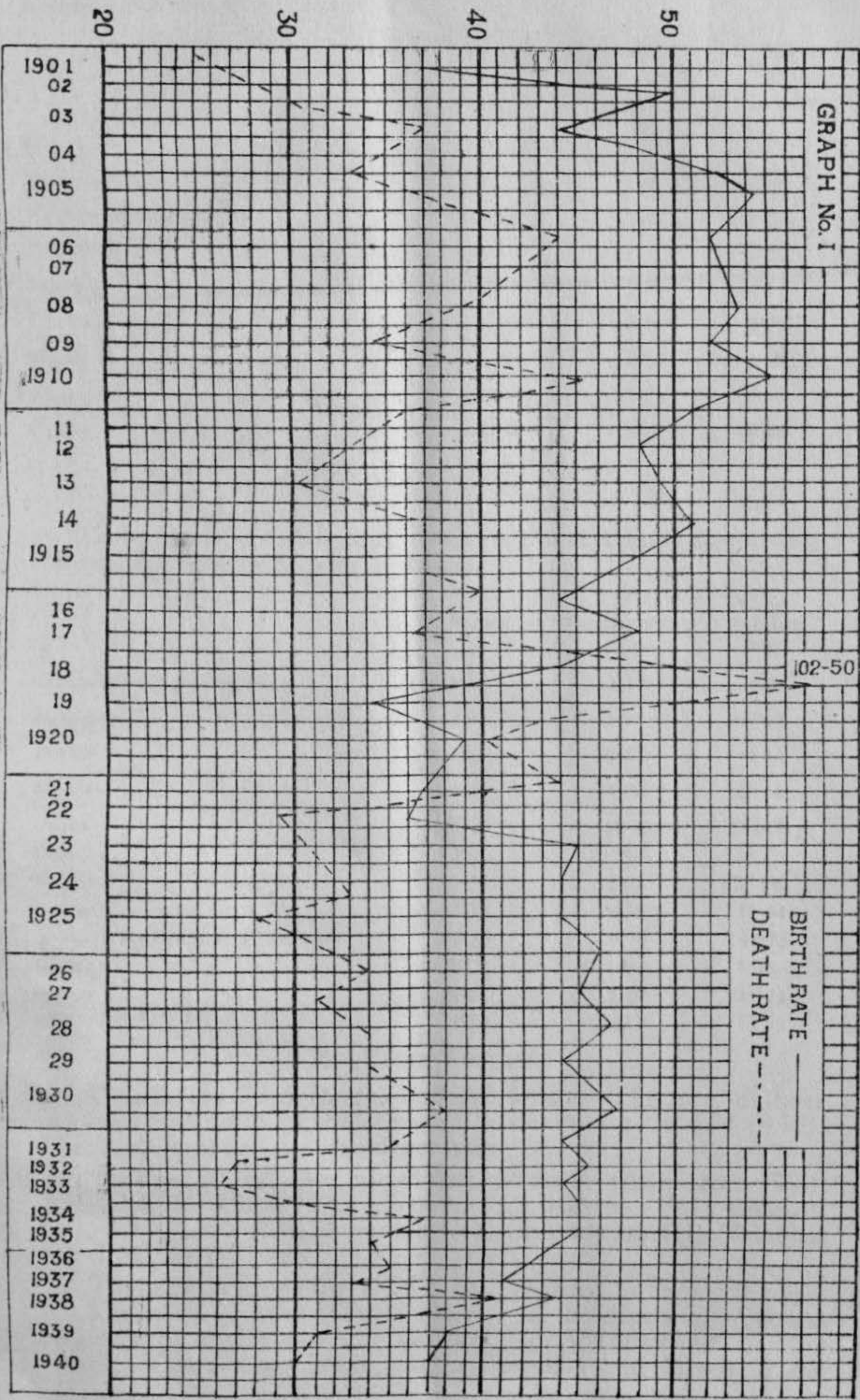
A.—Public Health

General remarks on the health of the province.—The year was comparatively healthy with a death-rate of 30.30 against one of 31.07 in 1939 and 34.80 for the previous five years. The infantile mortality rate was higher by 7.45 as compared to the previous year.

Compared with last year, there is decrease in deaths recorded under all the heads, except cholera and smallpox, which recorded a slight rise of 0.20 and 0.23 respectively. The decrease under other heads was fever (0.64), diarrhoea (0.22), other causes (0.20), dysentery (0.07), respiratory diseases (0.03), plague (0.03) and injuries (0.01).

The birth-rate was less by 0.70 than in the previous year and exceeded by 4.33 than the quinquennial average.

BIRTH RATE AND DEATH RATE PER 1000 OF POPULATION.



The following is a comparative classification of the chief causes of deaths :—

Causes of mortality		Death-rate per mille of estimated population		Difference (—) or (+)
		1940	1939	
Fevers	..	17·47	18·11	—0·64
Other causes	..	7·69	7·89	—0·20
Respiratory diseases	..	2·63	2·66	—0·03
Diarrhoea	..	1·30	1·52	—0·22
Injuries	..	0·37	0·38	—0·01
Cholera	..	0·30	0·10	+0·20
Smallpox	..	0·28	0·05	+0·23
Dysentery	..	0·24	0·31	—0·07
Plague	..	0·02	0·05	—0·03
Total	..	30·30	31·07	—0·77

Comparison of birth-rate, death-rate and infantile mortality rates of different provinces in India :—

		Birth rate	Death rate	Infant mortality rate
Central Provinces and Berar	..	37·58	30·30	226·07
Bombay		42·07	27·91	169·36
Burma	..	34·97	26·21	195·10
Madras	..	38·65	24·96	168·66
Orissa	..	35·85	24·72	183·09
Punjab	..	40·62	23·70	178·22
Bengal	..	33·70	22·26	159·28
United Provinces	..	34·72	21·78	135·34
North West Frontier Provinces	..	27·24	19·70	144·75
Bihar	..	30·8	19·1	150·6
Assam	..	28·21	17·20	141·75
Sind	..	21·15	13·77	115·72

B.—Chief Diseases

1. **Cholera.**—(*a*) *Deaths and death-rate.*—The total number recorded was 4,974 [1,661] giving a death-rate of 0.30 [0.10]. The district order of prevalence was—

Yeotmal (1,842), Raipur (1,064), Wardha (704), Drug (355), Nagpur (258), Akola (202), Chanda (182), Bilaspur (164), Amraoti (94), Jubbulpore (62), Bhandara (36), Chhindwara (11), Balaghat and Buldana (3) each.

The highest mortality (1,953) was recorded in September and the lowest (1) in May. The incidence of the disease by districts and months is given in annual Form No. VII attached to the report. The disease broke out in February and March in the

districts of Bilaspur and Raipur where it spread to the rest of the Province. The districts of Betul, Saugor, Mandla, Hoshangabad and Nimar remained free. The infection was of fairly severe type but the epidemic was not extensive. Out of 10,942 attacks, 4,974 [2,522 males and 2,452 females] died, or a case mortality of 46 [39] per cent.

(*b*) 383 [167] deaths were reported from urban and 4,591 [1,494] from rural areas in villages, corresponding to a ratio of 0.21 [0.09] and 0.31 [0.10] respectively, which shows that rural areas suffered more chiefly owing to indifferent water-supply.

A graph showing the death-rate from cholera since the year 1891—1940 is attached as Graph No. IV.

2. **Smallpox**—(*a*) *Deaths and death-rate.*—The total number of deaths recorded was 4,607 [762] giving a ratio of 0.28 [0.05] 1,616 deaths occurred among children under one year of age, 2,162 between ages of one to ten and the remaining 829 among adults. Deaths were reported throughout the year from all the districts in the province—the largest being in May (109) and the lowest in October.

The district order of prevalence was Nagpur (1,050), Chhindwara (423), Hoshangabad (399), Wardha (315), Bhandara (314) and Chanda (304).

A statement of mortality by months and districts is given in annual Form No. VIII attached to the report.

27,472 [4,834] attacks were recorded, giving a case mortality of 16 [16] per cent.

(*b*) 2,063 [272] deaths were reported from urban and 2,544 from rural areas, corresponding to death-rates of 1.11 [0.05] and 0.17 [0.03] respectively.

A graph showing the death-rates from 1901 to 1940 is attached as Graph No. V.

There are no separate smallpox hospitals but cases are treated in Isolation Hospitals and infectious diseases blocks in the Main Hospitals. In accordance with D. O. letter No. 38-140-P. H., dated the 31st August 1940, of the Public Health Commissioner with the Government of India, the information regarding the vaccinal condition of smallpox patients admitted to hospitals are as follows:—

A—

(i) Vaccinated as evidenced by the presence of one or more vaccination cicatrices—356.

(ii) within the last five years—173.

(iii) more than five years previously—41.

B—

Stated to have been successfully vaccinated but no vaccination cicatrix present—40.

C—

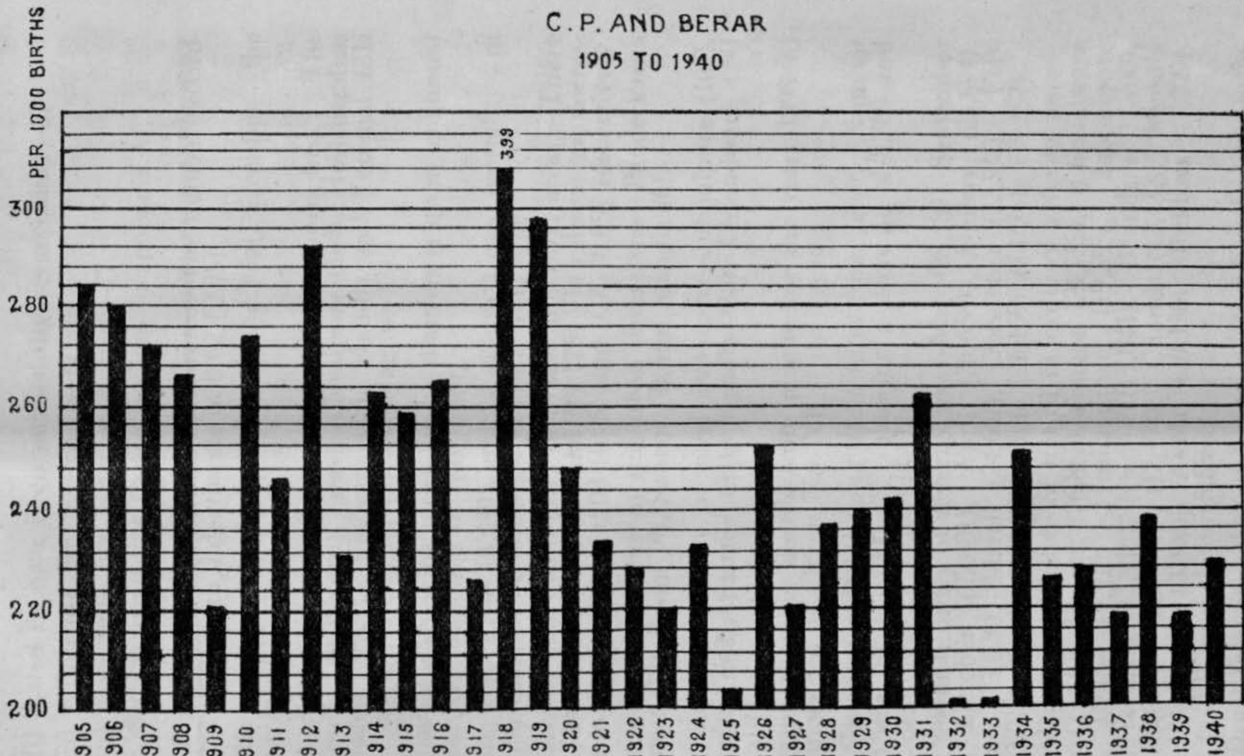
Stated to be unvaccinated or vaccinated unsuccessfully and no vaccination cicatrix present—103.

GRAPH No. II

INFANT MORTALITY RATE

C. P. AND BERAR

1905 TO 1940



D—

Previosuly unvaccinated but vaccinated during incubation of smallpox—8.

E—

(i) Stated to have been successfully revaccinated—27.

(ii) within the last five years—17.

(iii) more than five years previously—77.

The districts according to age is given in appendix M.

3. **Plague**—(*a*) *Deaths and death-rate.*—The number recorded was 283 [852] with a death-rate of 0.02 [0.05].

Deaths were reported throughout the year, excepting the month of July.

Nine districts were affected while 10 remained free. The district order of severity was—Jubbulpore (104), Hoshangabad (45), Saugor (41), Chhindwara (35), Mandla and Yeotmal (21) each, Betul (12), Balaghat (4) and Nagpur (3).

A statement showing mortality by districts is given as annual Form No. XII, attached to this report.

There were 2,546 [8,359] attacks giving a case mortality of 11 [10] per cent. The infection was of a mild type.

(*b*) *Deaths and death-rates in urban and rural areas.*—There were 64 [101] deaths in urban and 219 [751] in rural areas, corresponding to death-rates of 0.03 [0.05] and 0.01 [0.05] respectively.

The order of severity in the urban areas was—Panderkaora (17), Sausar (12), Seoni (9), Saugor (7) and Mandla (6).

The order of severity in rural areas was—Jubbulpore (101), Hoshangabad (42), Saugor (31), Mandla (15), Chhindwara (14) and Betul (12).

A graph showing deaths from plague for the years 1898 to 1940 is appended as Graph No. VI.

4. **Fevers**—(1) *Deaths and death-rates from fever.*—Number recorded was 291,933 [300,322], showing a decrease of 8,389 and giving a death-rate of 17.47 [18.11].

The seasonal order of severity was—May (28,189), September (28,131), October (27,401), April (26,658), January (25,694), November (25,026), March (24,601), December (22,532), February (22,213), August (21,962), June (21,169) and July (18,357).

The districts (inclusive of towns) in order of severity were—Bilaspur (29,810), Raipur (26,852), Saugor (24,935), Chhindwara (20,343), Drug (19,918), Hoshangabad (19,555), Jubbulpore (16,993), Yeotmal (15,918), Nagpur (15,041), Bhandara (13,900), Nimar (13,082), Balaghat (12,994), Chanda (12,432), Mandla (10,602), Amraoti (10,300), Akola (10,130), Buldana (7,209) Wardha (6,297), and Betul (5,559).

(2) *Death-rates in urban and rural areas*—Number of deaths in urban areas was 22,519 [21,006] corresponding to a death-rate 12.12 [11.43]

Number of deaths in rural areas was 269,414 [279,316] corresponding to a death-rate of 18.14 [18.94].

(3) A graph showing deaths from fevers by months is enclosed as Graph No. VII.

A graph showing, death-rates by districts is appended as Graph No. VIII.

(i) *Malaria.*—(*a*) Total number of deaths recorded was 265,265 [276,432], or a decrease of 11,167 over last year's figures. It represents 52 [54] per cent of the total mortality.

(*b*) 249,123 [262,171] deaths were reported from rural areas, corresponding to death-rate of 16.77 [17.77]. In urban areas, there were 16,142 [14,261] deaths, corresponding to a death-rate of 8.69 [7.75].

Districts in order of severity—

Bilaspur (28,820), Raipur (26,519), Saugor (23,405), Drug (19,631) and Hoshangabad (18,841).

(ii) *Enteric fever.*—(*a*) 1,221 [1,287] deaths, corresponding to a death-rate of 0.07 (0.08), were reported. 793 [959] deaths occurred in rural areas and 428 [328] in urban areas, giving a rate of 0.05 [0.06] and 0.23 [0.18] respectively.

The most seriously affected districts were Yeotmal (498), Nagpur (199), Wardha (140), Chanda (127) and Saugor (100).

(*b*) 2,788 [2,818] cases with 84 [84] deaths were treated in hospitals and dispensaries.

(iii) *Relapsing fever.*—The number of deaths registered was 360 [208] or a death-rate of 0.02 [0.01]. These deaths were not verified by any medical officer and are doubtful.

(iv) *Kala-azar.*—Twelve [10] deaths were reported. Seventeen cases were treated in hospitals and dispensaries, *viz.*, Nagpur (9), Bhandara (4), Chhindwara, Jubbulpore, Raipur and Drug (1) each.

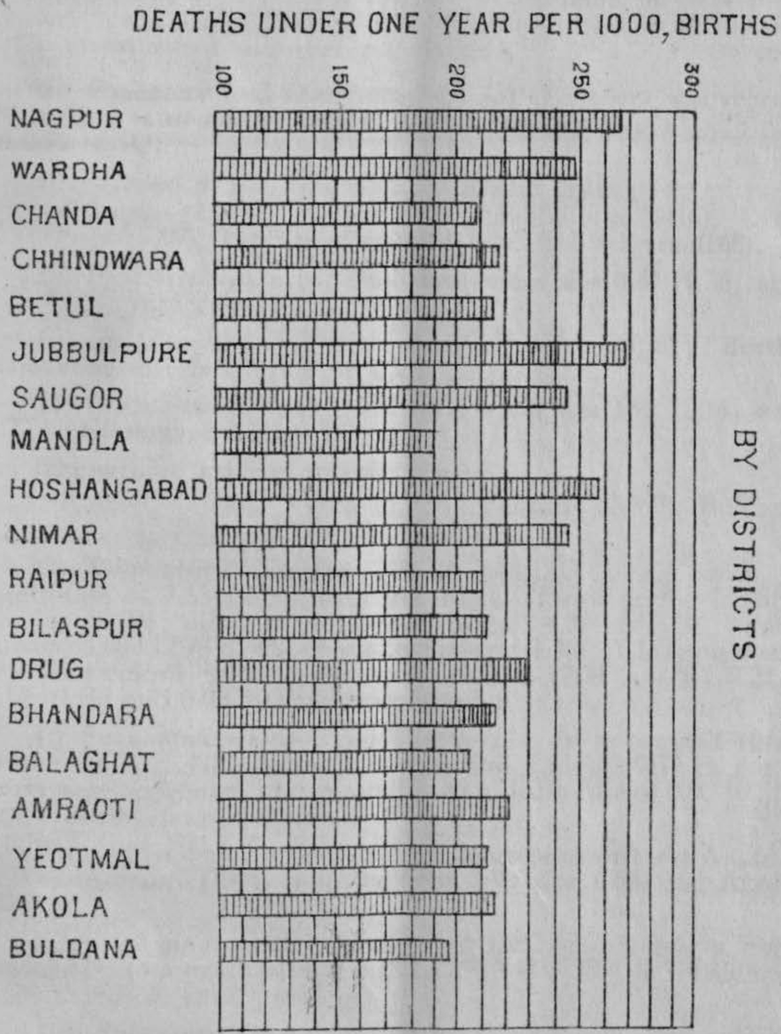
(v) *Influenza.*—326 [236] deaths were reported, giving a death-rate of 0.02 [0.01]. 87,585 cases with 13 deaths were treated in hospitals and dispensaries. The highest number was from Amraoti (15,016) followed by Nagpur (11,974) and Yeotmal (10,500).

(vi) *Cerebro-spinal Meningitis.*—36 [34] cases with 26 [21] deaths were reported, corresponding to a case mortality of 72 [67] per cent. The districts affected were Nagpur (9), Saugor and Bilaspur (4) each, Yeotmal (3), Akola (2), Betul, Nimar, Bhandara and Buldana (1) each.

A statement showing the mortality by months is given in Appendix H.

Temporary Cerebro-spinal Meningitis Regulations under the Epidemic Diseases Act were applied to the towns of Nagpur and Jubbulpore and the district of Nagpur.

(vii) *Typhus.*—822 [642] deaths were registered corresponding to a ratio of 0.05 [0.04]. The highest number reported was: Wardha (402) and Yeotmal (221). No case was medically confirmed and the reports are doubtful.



GRAPH No. III
INFANT MORTALITY RATE
BY DISTRICTS

(viii) *Measles.*—3,112 [1,492] deaths, with a death-rate of 0.19 [0.09], were reported.

(ix) *Black water fever.*—121 [59] deaths, with a death-rate of 0.01 [0.003] were reported. None of these deaths were medically confirmed and are doubtful.

(x) *Pyrexia of unknown origin.*—The number of deaths recorded was 20,668 [19,935], or a death-rate of 1.24 [1.20] per mille of estimated mid-year population.

5. **Dysentery and Diarrhoea.**—(i) (*a*) *Dysentery* was reported to have caused 4,098 [5,074] deaths amounting to a death-rate of 0.24 [0.31].

It prevailed in the following districts in order of severity :—

Bilaspur (1,103), Raipur (638), Jubbulpore (416), Drug (399), Hoshangabad (363) and Chhindwara (268).

(*b*) Death-rate in urban and rural areas was 0.34 [0.36] and 0.23 [0.30] respectively.

(ii) (*a*) *Diarrhoea.*—There were 21,675 [25,361] deaths amounting to a death-rate of 1.30.

(*b*) Death-rate in urban and rural areas was 1.92 [2.16] and 1.22 [1.45] respectively.

The district order of severity was—

Amraoti (4,242), Akola (3,929), Yeotmal (2,392), Buldana (2,261) and Wardha (1,711).

6. **Respiratory diseases.**—43,934 [44,131] deaths with a death-rate of 2.63 [2.66] were recorded. These deaths include 35,114 [36,696] other respiratory diseases, 4,391 [3,539] pneumonia, 3,062 [2,733] whooping cough, and 1,367 [1,163] pulmonary tuberculosis with death-rates of 2.10 [2.21], 0.26 [0.21], 0.18 [0.16] and 0.08 [0.07] respectively.

(i) *Pneumonia—Deaths and death-rates in urban and rural areas.*—1,677 [1,492] deaths in urban and 2,714 [2,047] in rural areas were registered, corresponding to a death-rate of 0.90 [0.81] and 0.18 [0.14] respectively.

The district order of severity (inclusive of towns) was Nagpur (1,064), Amraoti (708), Buldana (595), Wardha (333) and Akola (316).

(ii) *Whooping cough.*—There were 3,062 [2,733] deaths, corresponding to a death-rate of 0.18 [0.16]—484 [381] in urban and 2,578 [2,352] in rural areas.

(iii) *Pulmonary tuberculosis*—(*a*) *deaths and death-rate.*—1,367 [1,163] deaths were reported, giving a death-rate of 0.08 [0.07]. The number shows an increase over last year's figures by 204.

The districts chiefly affected were—

Nagpur (272), Hoshangabad (131), Amraoti (126), Saugor (125) and Wardha (124).

(*b*) *Death-rate in urban and rural areas.*—Urban areas 0.28 [0.28] and rural areas 0.06 [0.04].

3

(c) *Hospital treatment.*—The disease was prevalent in the larger towns of this province. 5,060 [4,350] cases with 121 [23] deaths were treated in hospitals and dispensaries, *viz.*, Nagpur (1,286), Nimar (457), Jubbulpore (418), Buldana (330) and Yeotmal (323).

Reports received from Tuberculosis Sanatorium, Pendra (Bilaspur district), show an opening balance of 118 and 168 admissions making a total of 286. Out of these 10 died, 121 were discharged as improved, 24 discharged as unimproved and 131 remained at the end of the year. Total number of beds at the end of the year was 140 [125]. Number of surgical operations performed 55. Artificial pneumothorax 1,176 and Pathological Examinations in Laboratories 6,211.

(d) Four Tuberculosis Clinics one each at Nagpur, Jubbulpore, Amraoti and Raipur continued to work and the work done by them was as follows :—

Number of patients attended—19,644.

Number found positive to tuberculosis—2,108.

Number of cases visited and advised at their houses—1,393.

Number of sputa examined—4,067.

Number of sputa found positive to tuberculosis—864.

Number of X-ray examinations made—5,244.

Number giving positive signs—1,740.

Number of Pneumothorax operations performed—1,530.

Number of deaths amongst patients attending the Clinics—333.

Number of patients who ceased to attend clinic—2,026.

(iv) *Other respiratory diseases.*—35,114 [36,696] deaths, corresponding to a death-rate of 2.10 [2.21].

7. **Other causes**—(i) *Beri-beri.*—71 [71] deaths corresponding to a death-rate of 0.004 [0.004], 15 cases with no death were treated in hospitals and dispensaries. Chhindwara (4), Raipur (3), Jubbulpore and Saugor (2) each, Nagpur, Chanda, Mandla and Bilaspur (1) each. The alleged cause of the 71 deaths has not been confirmed.

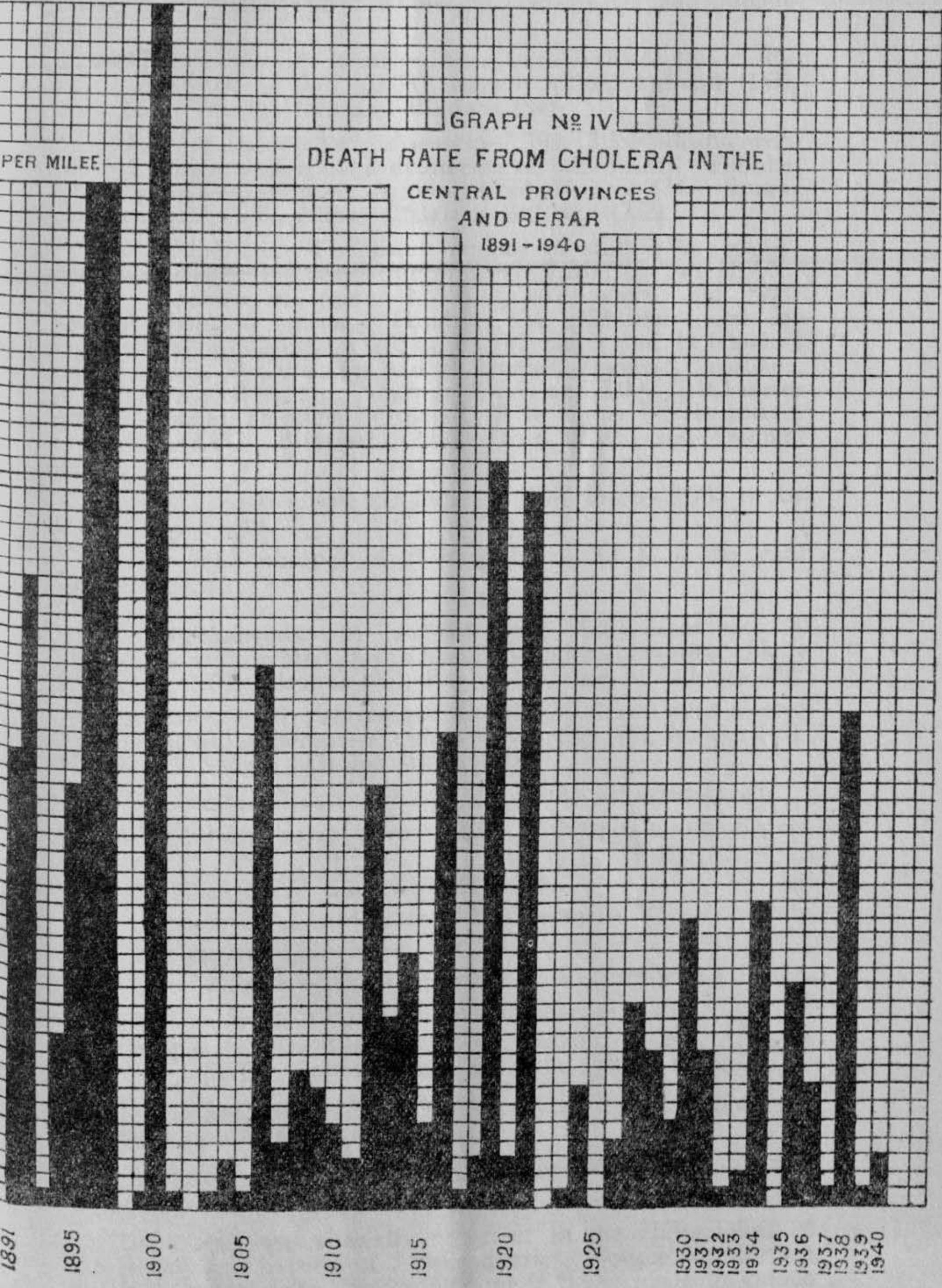
(ii) *Acute Poliomyelitis.*—11 [5] deaths were registered. None of these were verified by medical officers and are doubtful.

(iii) *Diphtheria.*—46 [42] deaths were recorded, the highest (9) being in Yeotmal followed by Bilaspur (5), Nagpur, Chanda, Hoshangabad and Balaghat (4) each and Saugor and Bhandara (3) each.

(iv) *Chicken-pox.*—There were 1,211 [462] deaths with a death-rate of 0.07 [0.03]. Order of severity is as follows :—

Jubbulpore (208), Raipur (202), Nagpur (185) and Chhindwara (152).

It is suspected that the majority of these deaths were due to Smallpox.


GRAPH № IV
DEATH RATE FROM CHOLERA IN THE
CENTRAL PROVINCES
AND BERAR
1891 - 1940
PER MILEE
1891
1895
1900
1905
1910
1915
1920
1925
1930
1931
1932
1933
1934
1935
1936
1937
1938
1939
1940

(v) *Mumps.*—60 [68] deaths were reported. The order of severity was—Nagpur (11), Akola (8), Nimar (7) and Jubbulpore (6).

(vi) *Tuberculosis of joints.*—There were 1,170 [1,410] deaths with a death-rate of 0.07 [0.08], Saugor (234), Amraoti (187), Akola (121), Wardha (88) and Buldana (84).

(vii) *Other Tuberculosis diseases.*—3,192 [3,358] deaths were reported, corresponding to a death-rate of 0.19 [0.20]. The district order of severity was : Amraoti (356), Nagpur (343), Saugor (327), Yeotmal (271), Akola (263) and Buldana (252).

(viii) *Still-births.*—The total number of still-births registered was 15,827 [16,619] consisting of 8,806 [9,267] males and 7,021 [7,352] females. Of these 12,799 [7,112 males and 5,687 females] occurred amongst Hindus. 814 [458 males and 356 females] amongst Mohammedans, 60 [41 males and 19 females] amongst Jains, 54 (30 males and 24 females) amongst Christians, 10 (2 males and 8 females) amongst Parsis and 2,090 (1,163 males and 927 females) amongst "Others". The higher figures pertain to Raipur (3,132), Bilaspur, (2,619) Drug (2,195) and Yeotmal (1,405).

Male still-births exceeded female still-births by 1,785 or by 11.1 [11.5] per cent.

Of the total number of children born, 3.1 [2.4] per cent were still-born.

8. **Miscellaneous.**—(i) *Diabetes.*—693 [586] cases with 20 [21] deaths were treated in the hospitals and dispensaries, chiefly at Nagpur (107), Bilaspur (96), Raipur (94) and Jubbulpore (69).

(ii) *Scurvy.*—433 [349] cases with 1 [3] death were treated in hospitals and dispensaries, chiefly at Wardha (78), Nagpur (49), Nimar (32), Saugor (23) and Akola (22).

(iii) *Venereal diseases.*—146 [137] deaths were registered.

The following cases were treated in hospitals and dispensaries :—

Syphilis—24,292 cases with 40 deaths.

Gonorrhoea—17,484 cases with 2 deaths.

Soft cancer—1,558 cases.

Other diseases of venereal origin—4,191 cases with 4 deaths.

The districts recording high incidence are—

Raipur (9,797), Bilaspur (5,286), Nagpur (5,262), Amraoti (3,528), Jubbulpore (2,658) and Akola (2,486).

(iv) *Guinea worm.*—557 [793] cases were treated in hospitals and dispensaries, chiefly as follows :—

Balaghat (119), Amraoti (67), Raipur (60), Nimar (52) and Buldana (43).

The disease was specially prevalent in the Hatta tahsil of the Damoh sub-division of Saugor district. Source of infection was largely step wells. Every attempt is being made to induce

the authorities to convert these wells into draw wells. Majority of step wells are privately owned and there is at present no law for their compulsory conversion into draw wells.

(v) *Hook-worm.*—The examination of and treatment for hook-worm was carried as before in Nagpur, Jubbulpore, Raipur, Narsinghpur, Akola and Amraoti Jails. Sixty-nine cases were discovered and the same have been cured.

(vi) *Injuries.*—6,174 [6,325] deaths were registered. Of these 1,159 [1,332] were due to suicide and 322 [307] to homicide, 3,323 [3,238] to wounds and accidents, 938 [996] to snake-bites 226 [221] to wild animals and 206 [231] to rabies.

(vii) *Rabies.*—There were 206 [231] deaths, 38 in municipal towns and 168 in rural areas distributed as follows :—

Urban areas—Jubbulpore and Mungeli (5) each, Arvi (4) and Nagpur, Armori, Murwara, Saugor Cantonment, Chota-Chhindwara and Shegaon (2) each.

Rural areas—Bilaspur (29), Chanda (19), Saugor (16), Jubbulpore (15) and Raipur (14).

The number of cases treated at anti-rabic centres during the year was : Jubbulpore (480), Nagpur (257), Hoshangabad (194), Khandwa (134), Akola (128), Wardha (112), Amraoti (87), Saugor (77), Raipur (56), Chanda (56), Chhindwara (50) and Yeotmal (3) or a total of 1,564.

The number of stray dogs destroyed in urban and rural areas was 12,697 [13,197] and 131 [123] respectively.

(viii) *Leprosy.*—The number of deaths from this cause was 2,053 [1,804]. The disease was prevalent all over the province but was particularly noticeable in Bilaspur, Raipur, Drug, Chanda, Wardha, Chhindwara, Amraoti, Yeotmal, Buldana, Akola and Nimar districts. The chief feature of the preventive work during the year under review was not only the extension of the area of the compaign against leprosy but also bringing of the work on modern and up-to-date lines.

During the year, three additional treatment centres were opened, making a total of 44 [41]. The number of sub-centres was [illegible] [58].

Owing to the absence of any major epidemics, the Sub-Assistant Health Officers on Leprosy duty were not disturbed from their legitimate duties except for few months in the beginning of the year, when four of them were deputed for cholera work.

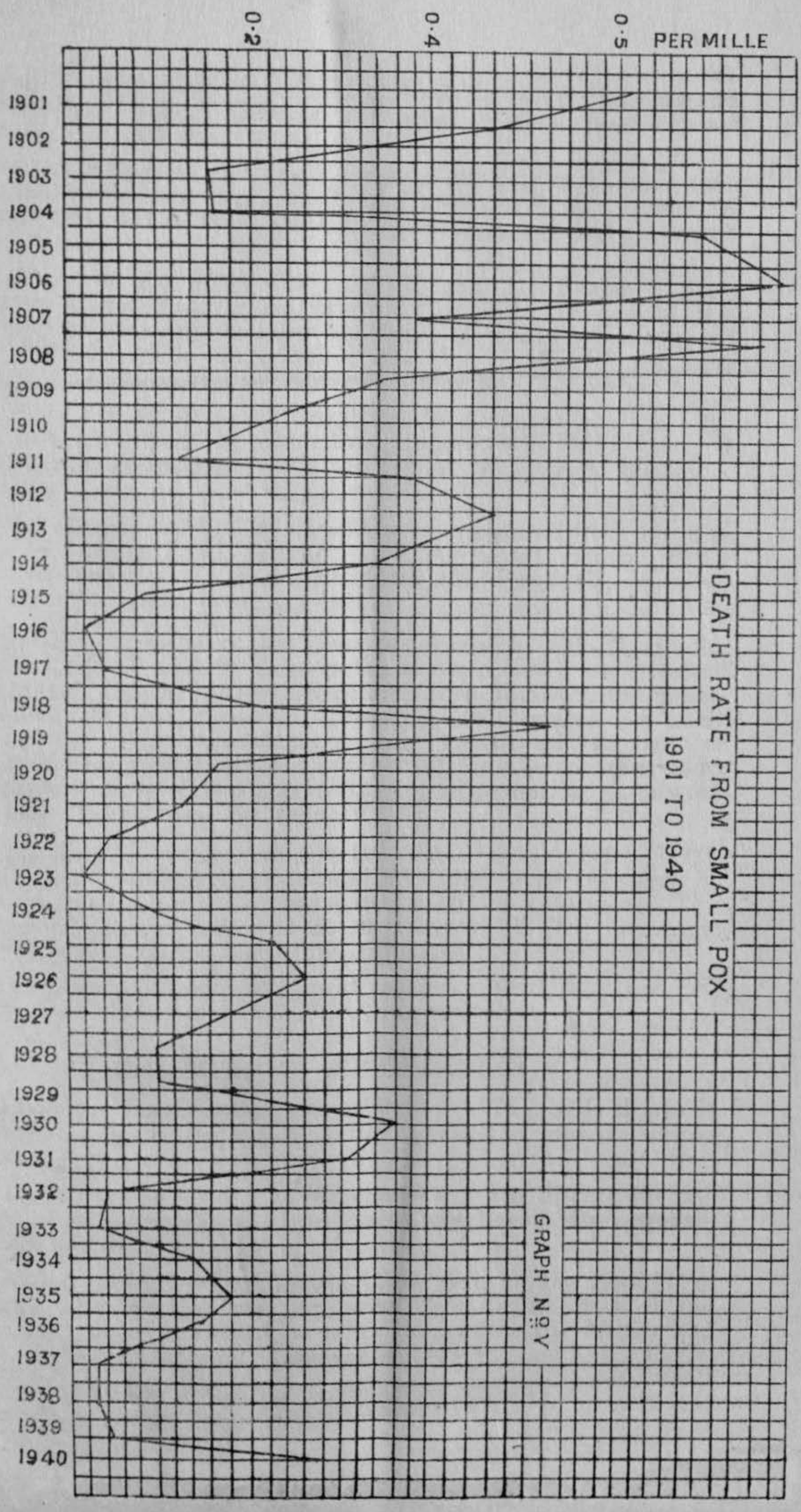
Total attendance during the year was 150,404 [117,577].

938 [946] sedimentation and 2,296 [1,877] Kahn's tests were performed with 807 [723] positive results.

The number of symptom-free and improved cases was 207 [112] and 2,402 [2,459] respectively.

Systematic survey and active propaganda was carried out, resulting in the discovery of 1,138 [1,181] new cases which were brought under treatment.

During January 1941, a special course of training in Leprosy was arranged in Nagpur under Dr. John Lowe of Calcutta and for this training 12 Epidemic and 10 Leprosy Sub-Assistant Health


DEATH RATE FROM SMALL POX
1901 TO 1940
GRAPH No. Y
PER MILLE
0·2
0·4
0·5
1901
1902
1903
1904
1905
1906
1907
1908
1909
1910
1911
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1938
1939
1940

Officers were deputed. In addition, four Assistant Surgeons and 25 Assistant Medical Officers and three private medical practitioners attended the course.

The activities of the five Leprosy district councils were continued on the same lines as in the previous year. A sum of Rs. 600 was paid to these councils for propaganda and treatment work.

A sum of Rs. 8,775 was received from the British Empire Leprosy Relief Association (Indian Council). This, with the opening balance and interest on deposits, made up a total of Rs. 20,097-8-6. The expenditure was Rs. 8,543-14-3 and the balance in hand on the 1st April 1941, was Rs. 11,553-10-3.

There are 11 Assistant Surgeons, 18 Assistant Medical Officers and 16 Private Medical Practitioners, who have received special training in Leprosy at the School of Tropical Medicine, Calcutta.

(ix) *Cancer.*—153 [124] deaths were registered from the districts of Nagpur (107), Amraoti (15), Akola (7), Saugor, Bilaspur and Yeotmal (5) each, Bhandara (3), Betul (2), Wardha, Chanda, Nimar and Drug (1) each.

(x) *Yaws* prevailed in Chanda, Bilaspur and Drug districts. 1,350, 37 and 7 Yaws patients respectively were treated by ordinary and stationary dispensaries. In addition, the Superintendent, Mission Hospital, Sironcha, also treated 718 cases during the year. Government has sanctioned a sum of Rs. 10,000 for treatment of Yaws patients in Chanda district by the establishment of two special touring dispensaries. The work has been started from 1st January 1941.

(xi) *Deaths from child-birth.*—There were 4,842 [5,600] deaths from child-birth of which 733 [910] were registered in municipal and other towns and 4,109 [4,690] in rural areas. This corresponds to one maternal death to every 108 [86] urban and 137 [122] rural births, including still-births.

The general urban and rural maternal death-rates are 7.52 [8.60], 9.21 [11.65] and 7.28 [8.18], respectively.

CHAPTER IV.—EPIDEMIOLOGY

Cholera.—Cholera was responsible for 4,974 [1,661] deaths in 1940, with a death-rate of 0.30 [0.10] per mille of mid-year population.

(*a*) *History and course of the epidemic.*—The disease was prevalent in all districts in the province except Betul, Hoshangabad, Mandla and Nimar.

Raipur district.—The disease broke out in the month of March. The infection was imported from Jagannath Puri and Calcutta, whence it spread to other villages in the district and continued up to the end of December 1940—

1,938 attacks and 1,060 deaths.

Total—2,998.

Bilaspur district.—The infection was continued from the previous year and remained in a sporadic form throughout the year, except in the month of May—

301 attacks and 164 deaths.

Total—465.

Wardha district.—One sporadic case was reported from Wardha town in the month of April, while in the month of June the disease broke out in two villages. The infection was brought from Benares fair where the patients had gone for pilgrimage. It spread to other villages in the district and continued up to the end of the year—

1,472 attacks and 702 deaths.

Total—2,172.

Chanda district.—A few cases were reported from the town of Chimur and village Kothari in April. The disease was checked before it could spread to other parts. In the month of June, the disease again appeared and continued till December—

434 attacks and 182 deaths.

Total—616.

Bhandara district.—Sporadic cases were reported from village Khunari in the month of June whence it spread to other villages. The infection was probably derived from neighbouring district—

71 attacks and 36 deaths.

Total—107.

Amraoti district.—The disease broke out in the month of June and continued up to the end of December. The source of infection was traceable to neighbouring districts—

257 attacks and 94 deaths.

Total—351.

Yeotmal district.—The disease was reported from village Kasarwahel in the month of June. The infection was imported from Hyderabad State. The disease continued up to the end of December—

4,489 attacks and 1,842 deaths.

Total—6,331.

Drug district.—The disease was reported from four villages in the month of July. The infection was imported from Mhow. It spread to other villages and continued to the end of December—

760 attacks and 355 deaths.

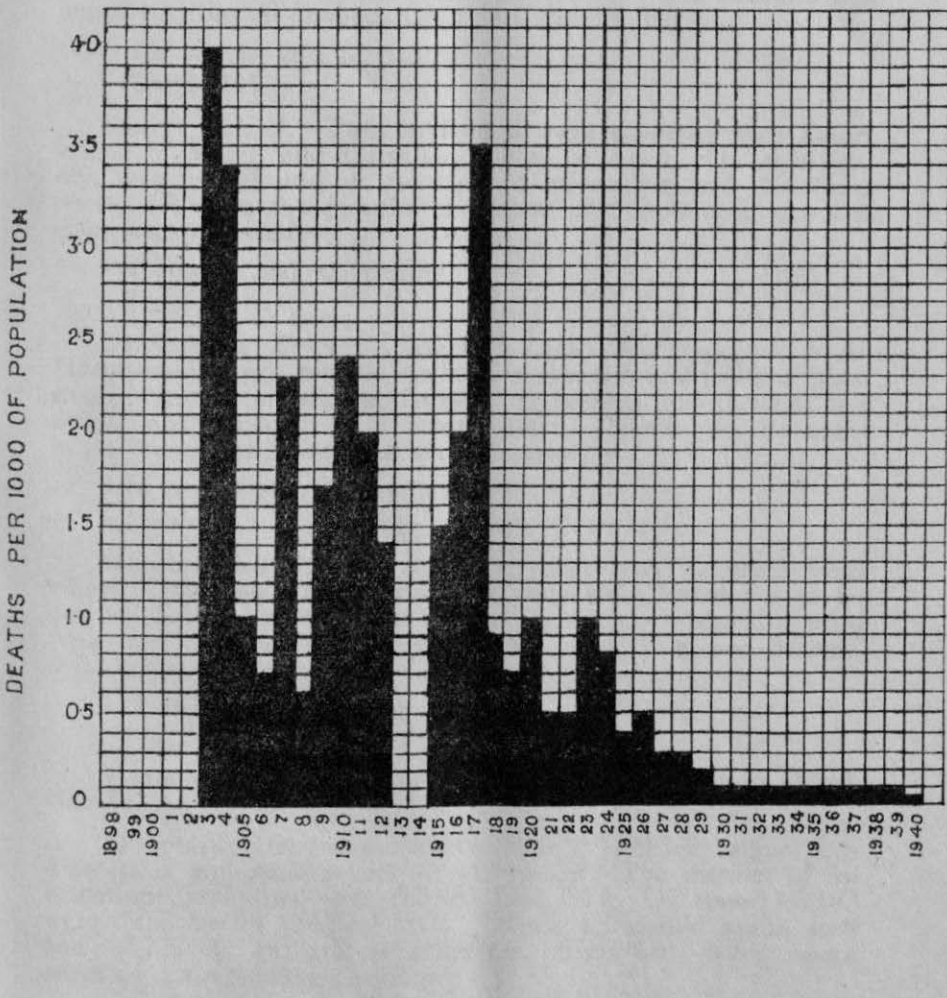
Total—1,115.

Nagpur district.—The disease broke out in Nagpur and Ramtek towns in the month of July and continued in the district till the end of October. The source of infection in Nagpur town was probably an infected tank—

472 attacks and 255 deaths.

Total—730.

GRAPH No VI
PLAGUE
1898 TO 1940



Akola district.—One sporadic case was reported from Akola town in July. In the month of August the disease spread to other parts of the district and continued till the end of the year—

582 attacks and 202 deaths.

Total—784.

Buldana district.—Sporadic cases occurred in the months of August and September and recorded four cases and three deaths.

4 attacks and 3 deaths.

Total—7.

Jubbulpore district.—The disease broke out in the month of October and lasted till the end of November. The infection was imported from Allahabad, Chitrakot and Maihar—

123 attacks and 62 deaths.

Total—185.

Saugor district.—Two fatal cases were reported from Deori village in March and Gaisabad village in April. On investigation they were found to be due to poisoning and diarrhoea respectively. In the months of August and September sporadic cases were reported—

4 attacks and no deaths.

Total—4.

Chhindwara district.—One fatal case was reported from Jamanpani in April but on verification it was found to be of heat-stroke. In the months of August, September and October the disease was prevalent in a limited form. There were no cases in the months of November and December—

21 attacks and 11 deaths.

Total—32.

Balaghat district.—Two sporadic cases were reported from village Katangzari. On verification, they were found not to be due to cholera but to other causes. In October, cases of mild type were reported from few villages. Infection was derived from neighbouring districts—

14 attacks and 3 deaths.

Total—17.

A graph showing cholera by months is attached as Graph No. XI.

(*b*) *Anti-cholera inoculations.*—359,070 [290,350] cubic centimeters of anti-cholera vaccine was issued. The number of inoculations performed was 388,485 [251,721]. Of these 118,072 were done by the medical staff. 227,688 by public health staff and 42,725 by private practitioners. Sixty-five deaths were reported amongst the inoculated.

(*c*) *Disinfection of wells.*—34,997 [31,912] wells were permanganated by the public health staff. In addition wells were disinfected by the police authorities, district vaccination staff, sanitary staff of local bodies and other private bodies.

(*d*) *Preventive measures.*—The usual precautionary measures such as distribution of potash permanganate and Tomb's cholera mixture, permanganation of water supplies, inoculations, etc., were carried out in all the affected districts. Special precautions were taken at all the important fairs.

Temporary Cholera Regulations under the Epidemic Diseases Act were applied to the towns of Wardha, Chanda and Warora and districts of Raipur, Bilaspur, Bhandara, Yeotmal and Chanda. The regulations were amplified so as to make them widely and vigorously applicable.

The disease showed an increase as compared with the previous year. The highest number of cases and deaths reported were from the districts of Nagpur, Wardha, Raipur, Drug, Yeotmal and Akola and in the months of July to November.

Plague.—The disease was prevalent in the districts of Nagpur, Chhindwara, Betul, Jubbulpore, Saugor, Mandla, Hoshangabad, Balaghat and Yeotmal and recorded 283 [852] deaths with a death-rate of 0.02 [0.05].

Nagpur district.—A few cases were reported from village Kandri, Police Station-house Ramtek, in the month of December—

7 attacks and 3 deaths.

Total—10.

Chhindwara district.—One sporadic case was reported from Chirochera village in the month of February. The disease again appeared in a mild form in Seoni town and other villages in the district in the months of September to December—

185 attacks and 35 deaths.

Total—220.

Betul district.—The disease was prevalent in mild form in the months of January, February and March. The infection continued from the preceding year—

75 attacks and 12 deaths.

Total—87.

Jubbulpore district.—The disease was prevalent throughout the year except June and July. It was more intense in the months of March, April, November and December—

1,080 attacks and 101 deaths.

Total—1,181.

Saugor district.—The epidemic prevailed from January to May. It appeared again in August and continued till the end of December—

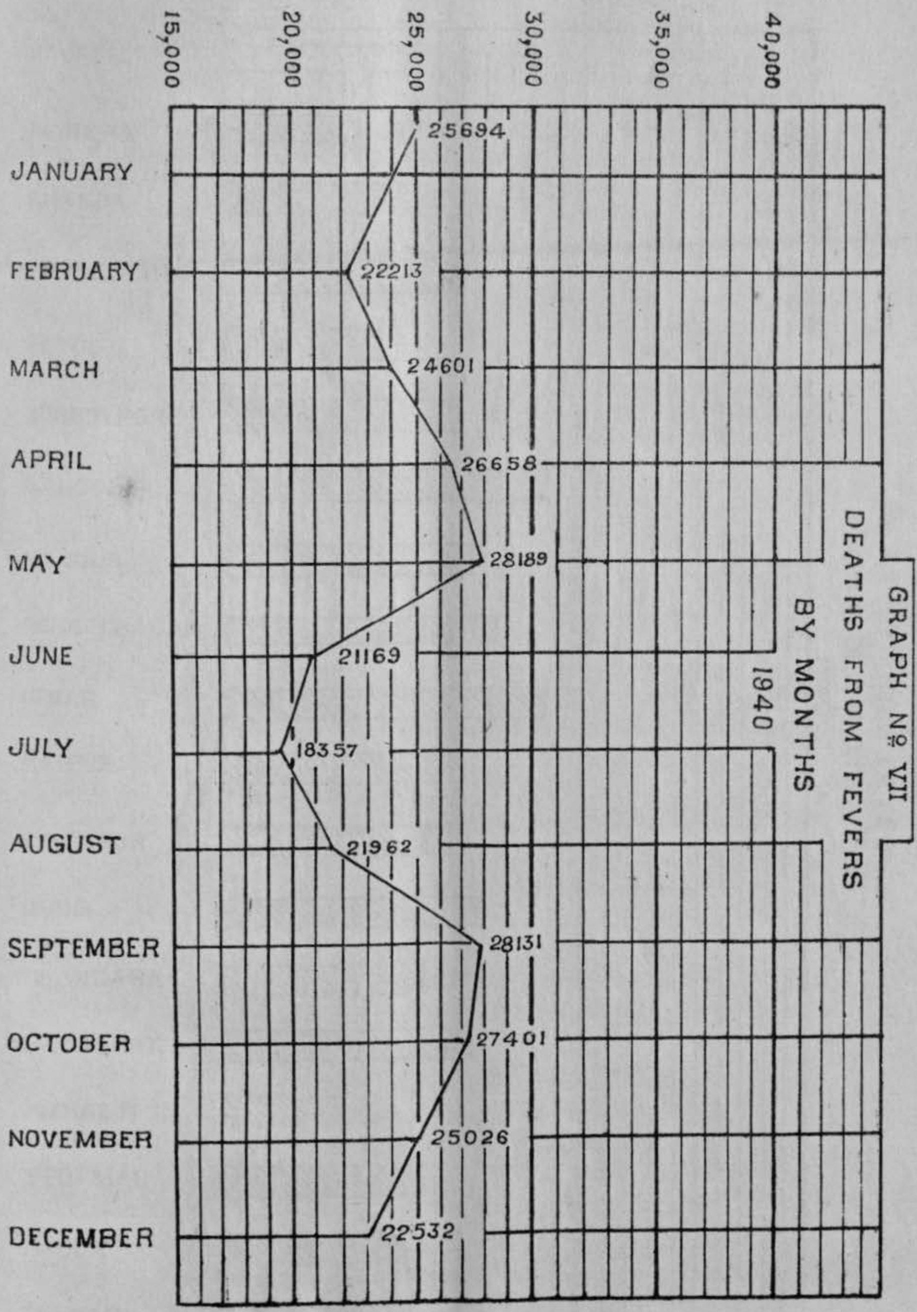
514 attacks and 41 deaths.

Total—555.

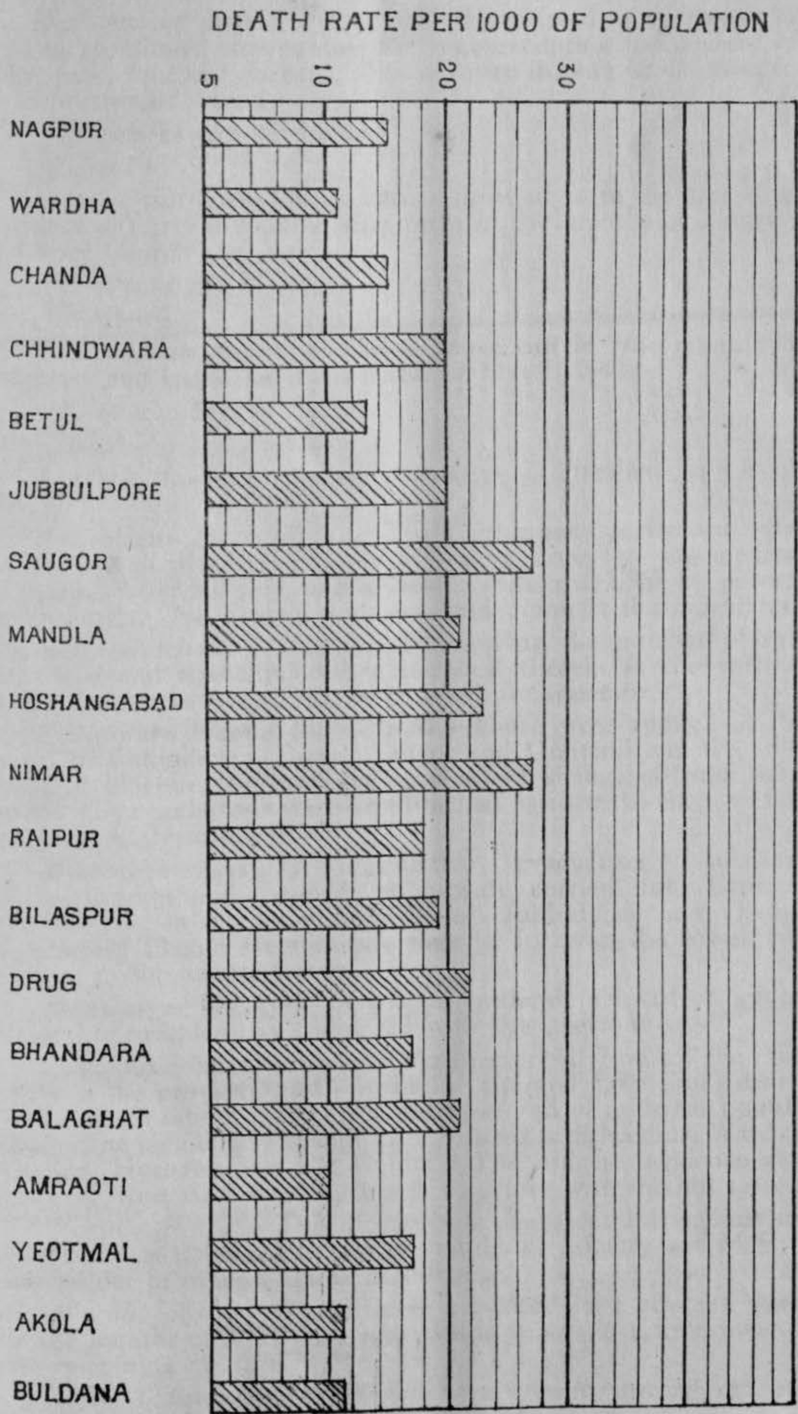
Mandla district.—The disease was prevalent in a mild form in the months of January and March. It re-appeared in August and continued till December—

183 attacks and 21 deaths.

Total—204.



GRAPH No VII
DEATHS FROM FEVERS
BY MONTHS
1940
15,000
20,000
25,000
30,000
35,000
40,000
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY
AUGUST
SEPTEMBER
OCTOBER
NOVEMBER
DECEMBER
25694
22213
24601
26658
28189
21169
18357
21962
28131
27401
25026
22532



GRAPH No. VIII
DEATHS FROM FEVERS
BY DISTRICTS
1940

Hoshangabad district.—The epidemic started in the previous year and continued throughout the year excepting the months of May, June, July and August. It was more intense in the months of February and March—

409 attacks and 45 deaths.

Total—454.

Balaghat district.—The disease continued from the preceding year and was prevalent in a mild form in the months of January, February, March and April—

61 attacks and 4 deaths.

Total—65.

Yeotmal district.—The disease broke out in the month of February and lasted up to the end of March 1940—

32 attacks and 21 deaths.

Total—53.

A graph showing plague mortality is attached as Graph No. X.

Anti-plague inoculations.—Total number performed was 24,275, out of which 11,539 [13,784] were done by the medical staff, 10,369 [19,563] by public health staff and 2,367 by private practitioners. No deaths were reported amongst the inoculated.

Rat-destruction.—A statement, showing the number of rats destroyed and the expenditure incurred therein in the various towns during the year 1940, is attached as Appendix C.

Temporary Plague Regulations.—These were applied to the towns of Chhindwara, Seoni, Saugor and Ghatanji and the districts of Nagpur, Jubbulpore, Saugor, Hoshangabad and Balaghat. The regulations were amplified so as to make them widely and vigorously applicable.

Preventive measures.—Inoculation, evacuation, isolation, disinsectisation and rat-destruction were carried out. Cynogas (A) was used in the municipalities of Jubbulpore and Betul. Temporary Plague Regulations were in force in the towns and villages in the affected areas.

Summary.—The state of plague epidemic showed an appreciable improvement as compared with the previous year.

Smallpox.—Smallpox cases were reported from all the districts in the province and the disease claimed 4,607 [762] deaths with a death-rate of 0.28 [0.05] per thousand of mid-year population. The incidence was high in the districts of Nagpur, Wardha, Chanda, Hoshangabad and Raipur. The highest incidence was, however, from March—May which coincides with the hot season.

Nagpur district.—The disease was prevalent throughout the year and was at its height in the months of January and May; it was milder in other months of the year.

Wardha district.—The disease prevailed in a virulent form in the months of April and May, while it was in a mild form in the remaining months of the year.

Chanda district.—The disease was present throughout the year. The highest incidence was from March to July, while in other months it was a minor.

Hoshangabad district.—The disease was prevalent throughout the year. The highest incidence was in the months of January, February, March, April, May and June, while in July, November and December it was in mild form. Sporadic cases were reported in the months of August, September and October.

Raipur district.—The disease was in a mild form in the months of January, February, August, September, October, November and December and in a virulent form in March, April, May, June and July.

Precautionary measures.—Efforts were made to combat the disease in the rural areas by a vigorous vaccination and re-vaccination campaign. Temporary additional vaccinators were appointed in the districts in which the disease was prevalent in an epidemic form. Sub-Assistant Health Officers visited the infected villages to render help to the vaccinators in their work.

Special Temporary Smallpox Regulations were framed in the year 1940 and enforced in the districts of Bhandara and Balaghat.

Epidemic Dispensaries.—During the year, the scheme of having one Sub-Assistant Health Officer per tahsil was in its second year of operation. The programme and method of working of Sub-Assistant Health Officers has been elaborated, the aim being that each village should be visited at least once a year. Sub-Assistant Health Officers have been instructed to give special attention to water-supply, conservancy and school children and all important items regarding a village are to be recorded by them in a register and their weekly diaries. In this way a complete sanitary survey of rural areas in the province is being carried out.

Arrangement has been made to synchronise the tours of Sub-Assistant Health Officers with that of executive officers with a view to securing immediate action over removal of village nuisances, inoculation and vaccination. Every possible help was given to Village Uplift Organiser, Central Provinces and Berar, in his work and in holding Village Uplift classes.

During the year five Sub-Assistant Health Officers were deputed to Military duty.

Sub-Assistant Health Officers on epidemic duty visited 15,963 [12,218] villages, treated 312,000 [305,725] patients and delivered 24,682 [26,786] lectures on health subjects. They performed 227,688 [107,903] anti-cholera inoculations and 10,369 [19,563] anti-plague inoculations, did 3,074 [1,994] minor operations, disinfected 34,997 [31,921] wells and checked 124,276 [53,892] vaccination and 206,813 [141,759] entries in birth and death register. Their reports of work and results of inspection were submitted weekly through the Civil Surgeons and Deputy Commissioners to the head of the department. Defects and requirements in matters of village sanitation, water-supply and schools, etc., were from time to time brought to the notice of the authorities concerned.

The Sub-Assistant Health Officers in charge of Leprosy Clinics performed the duties of epidemic dispensaries in their own and sometimes outside their areas. In this connection they visited villages, treated patients, disinfected wells and performed inoculations.

The Assistant Medical Officer-in-charge of outlying dispensaries do the work of health propaganda in the dispensary villages.

Sub-Assistant Health Officers on Leprosy duty performed the duties of Epidemic Dispensaries in their own areas and on some occasions outside their circle. In this connection, they visited 214 villages, treated 125,310 patients, disinfected 5,949 wells and performed 54,550 cholera inoculations.

Mechanised Travelling Dispensary.—Mechanised Travelling Dispensary started in Nagpur district during the year 1939, has been greatly appreciated by villagers. It has 48 wayside treatment stations and people not only from wayside villages but also from interior attend the dispensary. During the year 45,490 patients were treated, 65 villages visited, 421 wells disinfected, 1,206 cholera inoculations were given and 138 minor operations performed. Leprosy treatment was also done and 798 patients were treated during the year. The outturn is four to five times that of an ordinary travelling dispensary. Health propaganda was actively carried out.

CHAPTER V

Fairs and festivals.—The Sub-Assistant Health Officers deputed for fair duty were required to look after the sanitary and medical arrangements at fairs. They looked after disinfection of water-supplies, conservancy and isolation and treatment of infectious diseases. No epidemic of any kind was reported from any of the fairs.

Improvement of fair water-supply and efficient conservancy methods are the two essential requirements of a fair and greater efforts were directed towards these during the year.

The innovation of "ghara sheds" for supply of pure (chlorinated) drinking water to the pilgrims has became popular and was adopted on a larger scale during the year, with great success.

It is gratifying to record that there was the closest co-operation between the Police, the Railway, local bodies and the health staff at all fairs and festivals.

CHAPTER VI.—URBAN SANITATION

1. **Income and expenditure from municipal funds.**—The total income of municipal towns in the province during the year ending 31st March 1940, inclusive of the opening balance of Rs. 24,36,869 [23,26,141], was Rs. 1,01,03,870 [Rs. 94,54,352]. Of this, a sum of Rs. 37,22,621 [Rs. 2,93,82,407] was spent on public health as detailed below :—

(*a*) *Water-supply.*—Rs. 9,11,616 (Rs. 11,94,006). The general situation with regard to water-supply shows a little improvement.

A tabulated statement of water-supply of towns is given in Appendix G.

(*b*) *Drainage.*—Rs. 2,44,714 (Rs. 2,34,195). There has been no appreciable improvement.

(*c*) *Conservancy.*—Rs. 12,15,054 (Rs. 11,67,258). The structural condition of public and private latrines shows an improvement but the system of collection and removal continues to be unsatisfactory. The trenching of nightsoil is not properly controlled, except in larger towns.

(*d*) *Charges on account of health officers and sanitary inspectors.*—Rs. 11,14,902 (Rs. 1,16,157). A table showing health services and rural and urban areas is attached as Appendix E. There are qualified health officers in Nagpur, Jubbulpore, Amraoti and Raipur towns; elsewhere trained sanitary inspectors are employed.

(*e*) *Plague charges.*—Rs. 3,973 (Rs. 6,664). Rat destruction work was carried on as usual at Nagpur, Jubbulpore, Katol, Betul, Multai, Bhandara, Amraoti, Malkapur and Saoner.

(*f*) *Vaccination.*—Rs. 29,601 [Rs. 28,916]. There are 375 trained vaccinators in the province of whom 275 are distributed in the rural areas and 100 in the urban areas.

(*g*) *Other sanitary requirements.*—Rs. 75,743 (Rs. 86,828). In most municipalities attempts have been made to carry out a number of suggested improvements within their financial means.

(*h*) *Markets and slaughter-houses.*—Rs. 1,20,790 (Rs. 98,257). A large number of mutton markets and slaughter-houses are satisfactory. In a number of places the sale of mutton is carried on private premises. Veterinary or medical inspection of animals and meat has been provided for in majority of places. Provisions for slaughter and sale of beef continue unsatisfactory in most places.

(*i*) *Registration of births and deaths.*—Rs. 6,228 (Rs. 5,696). The system of registration of vital statistics has not undergone any change. Some improvements have been effected in the reporting of causes of deaths.

2. **Government grant-in-aid of sanitary works.**—The following list shows the grants-in-aid paid from provincial funds during 1940-41 to municipal committees and other private bodies :—

(1) Grant to the Indian Red Cross Society, Central Provinces and Berar, for Infant Welfare work, Rs. 32,500.

(2) Grants to municipal committees to cover moiety of expenditure towards—

(*a*) Pay of heath officers—Rs. 8,910-2-0.

(*b*) Pay of sanitary inspectors—Rs. 5,598-5-0.

(3) Grants to certain municipal committees to meet the moiety of expenditure on rat destructions, Rs. 14,301-7-8.

3. **Sanitary byelaws.**—There were 8,625 [8,975] cases of prosecution or compounding for breach of sanitary byelaws. The fines realized and compensation accepted amounted to Rs. 10,285 [Rs. 9,877]. This gives an average of Rs. 1-3-0 [Rs. 1-1-7] per defaulter. 999 [1,335] persons were dealt with for neglecting to report vital occurrences to the police leading to realization of Rs. 1,020 [Rs. 761] in fines.

4. **Isolation hospitals.**—There are regular infectious diseases hospitals at Nagpur, Jubbulpore, Saugor, Bilaspur, Amraoti and Yeotmal. The number of cases of infectious diseases treated was 288 cases—cured 203 and died 85. At these hospitals there are 109 available beds and, if necessary, more accommodation can be provided.

Small isolation huts and sheds have been provided at Kamptee, Khandwa, Wardha, Burhanpur, Balaghat, Buldana, etc., but they are seldom used and are in a dilapidated condition.

CHAPTER VII.—RURAL SANITATION

1. **Water-supply.**—Sources of water-supply are wells, tanks, rivers and nullahs. The general condition of water-supply is the same as stated in the previous reports.

During the year a scheme financed from Government of India fund for construction of 62 wells and 2 tanks in rural area, costing Rs. 43,149, was sanctioned by Government. The works are in progress. 57 wells sanctioned during previous year were completed during 1940.

The contract system of district councils for construction of wells was examined by Government and the following suggestions were made to avoid unnecessary delay in the execution of works :—

(1) The district council contract form should be revised and brought into line with the Public Works Department contract form.

(2) There should be an estimate and one contract for each well.

(3) Payment of half the amount of the estimate should be made in the first instance and the second half when the work is completed.

(4) District council should be discouraged from exceeding estimates without proper sanction.

Conservancy still remains in a primitive form.

2. **Villages under the Village Sanitation Act.**—The provisions of the Village Sanitation and Public Management Act were in operation in 65 villages. The total receipts for the year ending the 30th September 1939 amounted to Rs. 1,70,977 and the total expenditure Rs. 1,47,682. The details of the expenditure are—

Water-supply—Rs. 4,773.
Cleaning of village sites—Rs. 24,760.
Drainage—Rs. 2,515.
Roads—Rs. 12,273.
Other miscellaneous charges—Rs. 1,03,361.

3. **Town fund and other villages under the Mukaddam Rules.**—The total receipts amounted to Rs. 35,124 [Rs. 8,868] and the expenditure Rs. 19,363 [Rs. 8,403]. Of the total

expenditure Rs. 126 were spent on water-supply, Rs. 10,345 on cleaning of village sites, Rs. 307 on drainage, Rs. 875 on roads and Rs. 7,710 on miscellaneous improvement.

4. **Ryotwari villages.**—A sum of Rs. 3,177 [Rs. 1,894] was spent on improvement of water-supply in the districts of Betul, Bilaspur and Nimar.

5. **Villages under the Village Panchayat Act.**—The number of panchayats at the end of the year 1939 was 993. During 1940, 36 new panchayats were established, raising the total to 1,029. The panchayats rendered useful service in combating epidemics in rural areas.

Medical relief for scarcity works.—Scarcity camps were opened in Jubbulpore and Mandla districts in connection with famine relief and sanitary, medical and other arrangements for them were made by this department.

Rural uplift work.—Work in this direction was carried out in combination with district village uplift committees and every possible help was given to Village Upiift Organizer, Central Provinces and Berar. Sub-Assistant Health Officers were deputed for teaching elementary principles of public health at classes for uplift workers.

The village uplift board has been fully constituted and all districts, except Amraoti and Chanda, and all tahsils, except in Chanda district, have a village uplift committee.

The following activities were carried out by it :—

Nagpur.—The district council teachers, Court of Wards kamdars, hawaldars and others who have undergone training in village uplift work instructed villagers to take proper precautions against malaria, cholera, etc. Propaganda was also done in favour of sanitation.

Wardha.—*A vyayam dal* for improving the physical condition of school-going children was opened.

Betul.—Miss Mary Barr and her colleagues carried out intensive work for health and hygiene in Khedi-Saoligarh and arrangements for trench latrines were made.

Jubbulpore.—Particular attention was paid to cleanliness and attempts were made to remove refuge lying near wells.

Nimar.—A systematic effort was made to improve the sanitation of villages, especially those inhabited by aboriginals.

Raipur.—Certain important activities, such as cleanliness of lanes, houses and surroundings, removal of refuge outside the abadi and filling up of pits were taken up in 32 centres. Instructions through magic lantern on cleanliness, use of pure water, conservation of rubbish and manure and preventive measures against cholera, leprosy, smallpox, tuberculosis and malaria were given in a number of villages by local branches of the Red Cross Society.

Drug.—Village roads and lanes are kept in good sanitary condition. Advice to villagers on personal hygiene and promotion of cleanliness was continued by all touring officers.

Bhandara.—Magic lantern lectures on smallpox, cholera and tuberculosis were delivered by the Civil Surgeon at the training class which was attended by about 3,000 persons.

Amraoti.—The Urdu Normal School rendered useful service to the countryside by sending out parties for improving village sanitation, popularising the use of medicine chest, explaining the importance of manure pits and cow-dung, manure, etc.

Buldana.—Sub-Assistant Health Officers visited village uplift centres and explained the importance and advantages of sanitation and pure water-supply and of approach roads.

Yeotmal.—During the year tube rines and Mrs. Seaman's scheme were introduced in five and two villages, respectively. 51 students from the Government High School volunteered for doing the village uplift work. They read out and explained pamphlets on village sanitation.

CHAPTER VIII.—MALARIA

Anti-malaria operations.—648,273 [889,265] patients were treated in all the hospitals and dispensaries as follows:—

Amraoti 88,339, Nagpur 67,072, Buldana 66,055, Akola 64,760, Raipur 49,096 and Hoshangabad 43,861.

Anti-malaria operations in the Civil Station Sub-Committee, Nagpur, were continued during the major portion of the year.

One Sub-Assistant Health Officer was trained in malariology during the year.

Routine anti-malaria measures were continued in Jubbulpore, Khandwa and Burhanpur towns.

Quinine.—800 lbs. of quinine sulphate, 1,220 lbs. of cinchona febrifuge and 60 lbs. of quinine hydrochloride were purchased from Madras and 2,500 lbs. of quinine sulphate from the Government of India and supplied to Central Jail, Nagpur, for manufacturing tablets.

Cost of drugs—Rs. 98,260.

Cost of manufacturing tablets—Rs. 2,839-8-0.

The sale receipt was—Rs. 91,336-15-3.

Free distribution of quinine in hyperendemic areas was continued in Chanda, Betul, Mandla and Nimar districts and in jagirs of Chhindwara district. The amount of quinine issued free by tahsildars in the above tracts was 63 lbs. Besides this, out of the balance of 3,500 lbs. of quinine received from Government of India in 1936, 345 lbs. were issued to all Deputy Commissioners in the province for free distribution in the highly malarious tracts and 579 lbs. (which includes 18 lbs. out of Government of India) were distributed to others through this

department. The total issue of quinine free and on payment during the year was—

Free	On payment
Lbs. 2,959 Oz. 11 Dr. 10.	Lbs. 2,293 Oz. 14 Dr. 4 Gr. 20.

During the year, the Madras Government found itself unable to comply with our normal indents for quinine sulphate and cinchona febrifuge as a result of which great scarcity of these drugs prevailed but the situation was relieved by receipt of supplies from Government of India.

During the year, Madras Government prohibited sale of quinine sulphate to other than public hospitals and Government departments. In view of the above difficulties it was decided to build up a reserve of 1,600 lbs. of quinine sulphate within four years equivalent to 50 per cent of our normal requirement and accordingly Government of India was approached to supply 400 lbs. for building reserve and 2,100 lbs. for sale to general public. The Government of India was pleased to come to our assistance in this matter.

The prices of quinine sulphate and cinchona febrifuge increased from Rs. 18 to Rs. 25 and from Rs. 9 to Rs. 12-12-0, per lb. respectively during the year.

CHAPTER IX.—MATERNITY AND CHILD WELFARE

1. (*a*) The Central Provinces and Berar Red Cross Welfare Committee of the Indian Red Cross Society continued to be in charge of the welfare work in Central Provinces and Berar. The Director of Public Health acted as the Honorary Secretary to the Welfare Committee during the year and inspected 40 Welfare Centres. Two meetings of the Welfare Committee were held during the year. The chief sources of income for this work are—

(1) Government grant—Rs. 32,500.

(2) Contribution by Provincial Red Cross Society—Rs. 15,000.

(3) Contribution from the Victoria Memorial Scholarship Fund—Rs. 1,500.

(4) Contribution by the Nagpur Civil Station Sub-Committee—Rs. 241-4-0.

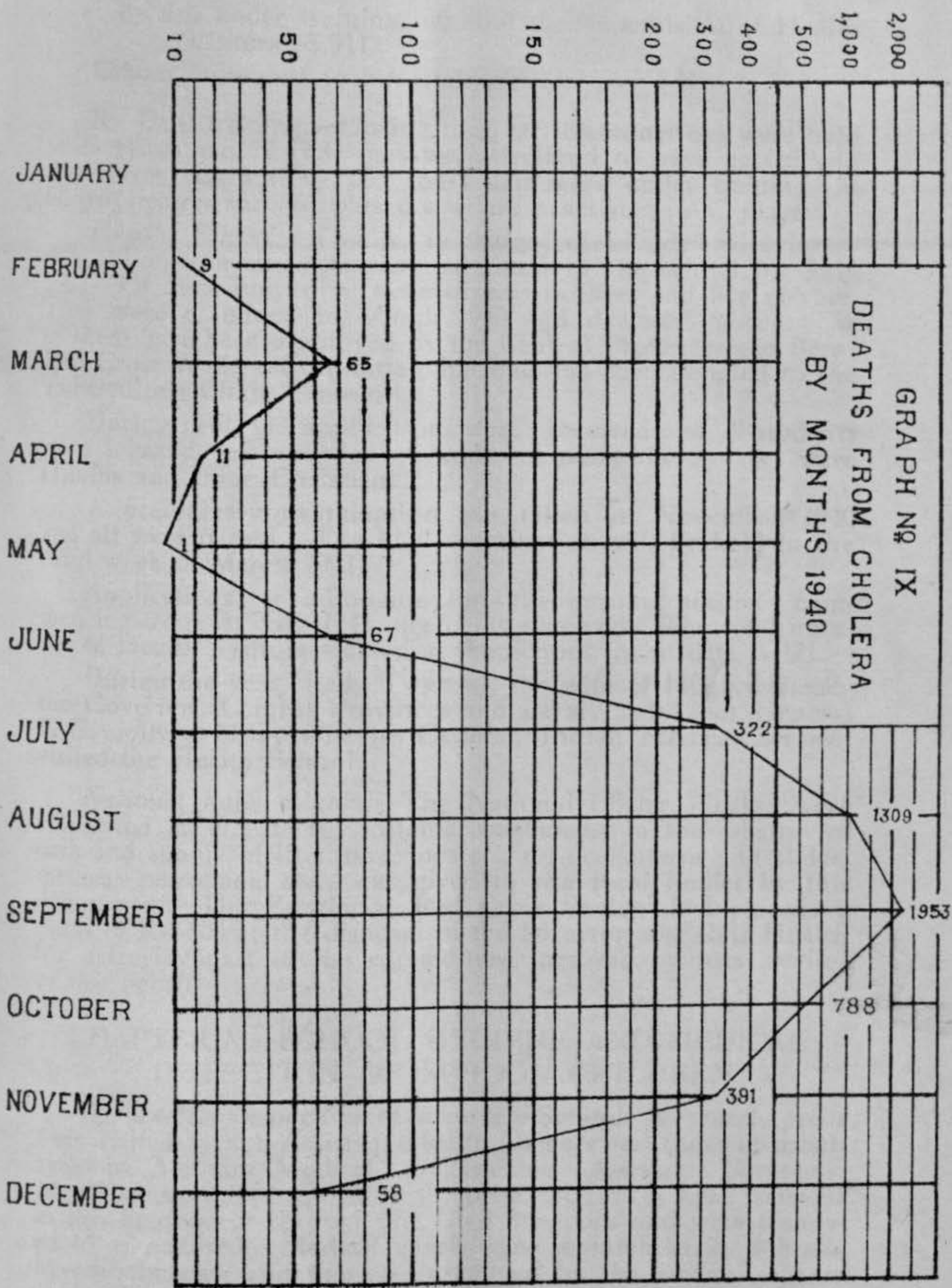
2. Child Welfare Centres.—There were 79 [74] Child Welfare Centres—57 [58] Urban and 22 [16] rural. The total attendance at these centres were 628,377 [601,478]. Of this, 232,409 [223,599] were infants, 375,706 [357,192] toddlers and 20,262 [20,687] ante-natal. The number of Home Visits paid by Health Visitors were 323,299 [295,706].

Confinement cases conducted were as under—

By Health Visitors—736.

By passed dais under the supervision of Health Visitors—1,003.

By passed dais without the supervision of Health Visitors—7,092.


GRAPH Nº IX
DEATHS FROM CHOLERA
BY MONTHS 1940
2,000
1,000
500
400
300
200
150
100
50
10
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY
AUGUST
SEPTEMBER
OCTOBER
NOVEMBER
DECEMBER
9
65
11
1
67
322
1309
1953
788
391
58

By dais under training, under the supervision of Health Visitors—1,518.

By dais under training, without the supervision of Health Visitors—5,911.

Labour cases sent to hospitals—689.

3. Dais' training.—During the year, examinations were held at 23 places and 77 [63] dais were declared to have passed and were given certificates. 656 [687] dais were under training in 63 [65] centres and 565 passed dais are practising in 47 places.

Health School.—This is in charge of a Lady Superintendent. Fourteen students were admitted in the school in July 1939. Of these only nine were stipend holders and five private. They were examined in March 1940 and declared passed. Six of them have been employed by the Central Provinces and Berar Red Cross Welfare Committee and one has been deputed to the Tuberculosis Clinic, Amraoti.

During 1940, 13 applications were received and 9 students were selected and awarded stipends. Among these, six were Hindus and three Christians.

A preliminary examination was taken in November 1940 and all were passed. The final examination will be held in the third week of March 1941.

Applications for admission for the ensuing session commencing from 1st July 1941, are being received. The total number of Health Visitors trained at the School up to date is 121.

During the year, Lady Twynam, the wife of His Excellency the Governor, Central Provinces and Berar, and Lieut.-General G.G. Jolly, I.M.S., Director-General, Indian Medical Service, visited the Health School.

National Baby Weeks.—The National Baby Weeks were celebrated in 49 places. Suitable assistance, in the shape of cash and supply of literature, posters, magic lanterns and slides, medical personnel, etc., was given to the local bodies by this department. The Provincial Red Cross Society had placed a grant of Rs. 500 at the disposal of the Director of Public Health for defraying part of the expenditure incurred by local bodies in this behalf.

CHAPTER X.—SCHOOL HYGIENE AND MEDICAL INSPECTION OF SCHOOL CHILDREN

(1) *Medical inspection of schools.*—Schools in rural areas were visited by Sub-Assistant Health Officers and those in urban areas by Assistant Medical Officers and Assistant Surgeons. Monthly inspection reports in the prescribed form were received in this department through the Civil Surgeons and were disposed of as required. Medical charts were maintained in schools by schoolmasters and they are examined by the medical officers at the time of inspection.

Insufficiency of accommodation, lighting and ventilation and also the dilapidated and dangerous condition of many school buildings were brought to the notice of the school authorities

concerned. Seating arrangements in relation to light, were found incorrect in a large number of schools and head masters who advised to make necessary adjustments.

The average number of children examined every month by Assistant Surgeons, Assistant Medical Officers and Sub-Assistant Health Officers was 157,249 [195,436]. Of these, 90,824 [78,552] boys and 39,355 [23,801] girls were examined by Assistant Medical Officers, 864 [618] were found unvaccinated, 1,558 [1,468] with enlarged spleen and 1,395 [1,704] with contagious or other disease. Steps were taken to vaccinate the nuvaccinated children and others were directed to attend local dispensaries for treatment.

A system of giving simple medicine, public health and first aid training to all school teachers in rural areas has been started and considerable progress has been made with it. Special attention has been given to school children in rural areas. All this has helped to bring sanitary officers into more direct contact with the school population.

The activities of sub-committee appointed by the Central Board of Physical Welfare, Central Provinces and Berar, have been held in abeyance.

Report on physical education in schools and colleges during the year ending the 31st March 1940

Colleges.—The medical inspection in colleges was conducted twice during the year. The number of students examined was 2,807 as against 2,604 in 1938-39. The medical officers issued "Defect Cards" where necessary for the guidance of the guardians of the students. 29.6 per cent of the students were reported to be affected by various ailments as against 39.7 per cent in the previous year.

The Annual University Sports Tournament was conducted according to the programme prepared by the Board of Physical Welfare of Nagpur University.

Secondary Schools.—Health education is imparted in the Secondary Schools by Physical Instructors. The revised syllabus of Physical Training approved by the High School Education Board, Central Provinces and Berar, was followed. Periodical medical inspections were held as usual. Health charts were maintained which gave an idea to the students about the progress they made in their health and physique. Medical Officers delivered lectures in some schools on health and hygiene. The advice of Medical Officers in respect of individual pupils was communicated to their guardians.

Inter-class and inter-school tournaments were conducted in most of the high schools.

Primary Schools.—Revised syllabus was followed in the primary schools which included hygiene and physical education. Attention was paid to practical and personal hygiene, cleanliness and sanitation.

Sports and tournaments were held in some of the towns. Indian games are popular in rural primary schools.

Normal Schools.—Instruction was given in First Aid, Hygiene and Red Cross work. In some of the Normal Schools, classes for St. John Ambulance Course in First Aid were held for students and certificates were awarded to those who came out successful.

CHAPTER XI.—HEALTH PROPAGANDA

Health propaganda was carried out by Sub-Assistant Health Officers with the help of magic lantern lectures, leaflets and illustrated charts. Sub-Assistant Health Officers also did propaganda at various fairs, Village Uplift Rallies and exhibitions.

CHAPTER XII.—PUBLIC HEALTH ADMINISTRATION

There was no change in the system. As heretofore, the 16 Civil Surgeons functioned as District Medical Officers of Health of the 19 districts under their charge. They were assisted by 82 epidemic Sub-Assistant Health Officers and 312 dispensary Assistant Medical Officers.

Seventy-five Assistant Surgeons, including 14 women Assistant Surgeons, also took part in public health activities.

Anti-leprosy work was in charge of the Leprosy Specialist of the Assistant Surgeon class, assisted by 21 specially trained Sub-Assistant Health Officers.

Local bodies are held responsible for the sanitary requirements of the areas under their charge. A list of sanitary staff maintained by municipal bodies is given in Appendix E. Village sanitation is in charge of district councils. There are 65 villages administered by sanitation committees. The staff employed by the district councils, village sanitation committees, etc., consists of only 2,042 sweepers. Their main function is to sweep roads, markets, etc., and to remove the refuse. In most villages, private latrines are served by private arrangements with the sweepers. The sanitary administration and organization in rural areas is very feeble. The same applies to urban areas to a certain extent. Only four towns, *viz.*, Nagpur, Jubbulpore, Amraoti and Raipur, have qualified Medical Officers of Health. It has been urged that all towns of a population of 25,000 and over should have a qualified Medical Officer of Health and that sufficient number of trained sanitary inspectors should be provided in every town.

The District Assistant Superintendents of Vaccination were replaced by Sub-Assistant Health Officers before January 1940 on account of the decision of the Government to take over all vaccination supervision.

CHAPTER XIII.—VACCINATION

(This chapter and all statistical tables connected therewith refer to the period from the 1st April 1940 to 31st March 1941.)

For primary vaccination the practice is to make two insertions on each arm or four on one arm, according to the wishes of the parent, to give a total area of vesiculation equal to half a

square. In case of re-vaccination not less than three insertions are made. The instrument used is the Rotatory lancet (new type). No case of post-vaccinal enciphalitis was reported.

1. **Establishment.**—Sixteen Civil Surgeons who are Superintendents of Vaccination.

The work of 37 Assistant Superintendents of Vaccination is now being carried out by 82 Sub-Assistant Health Officers.

375 [347] vaccinators (both district and municipal).

2. **Volume of work.**—(*a*) The total number (*vide* Statement I) was 784,833 [780,746] consisting of 509,710 [495,950] primary and 275,123 [284,796] re-vaccinations showing an increase of 4,087. Of these 3,576 [4,490] were performed by the dispensary Assistant Medical Officers and 3,367 [21,433] by other agencies, such as medical staff of railways, tea district labour association, mission dispensaries and mines.

Vaccinations performed by the district vaccinators (*vide* Statement I) were 777,890 [754,823] consisting of primary 508,832 [493,889] and re-vaccinations 269,058 [260,934]. There was an increase of 23,067.

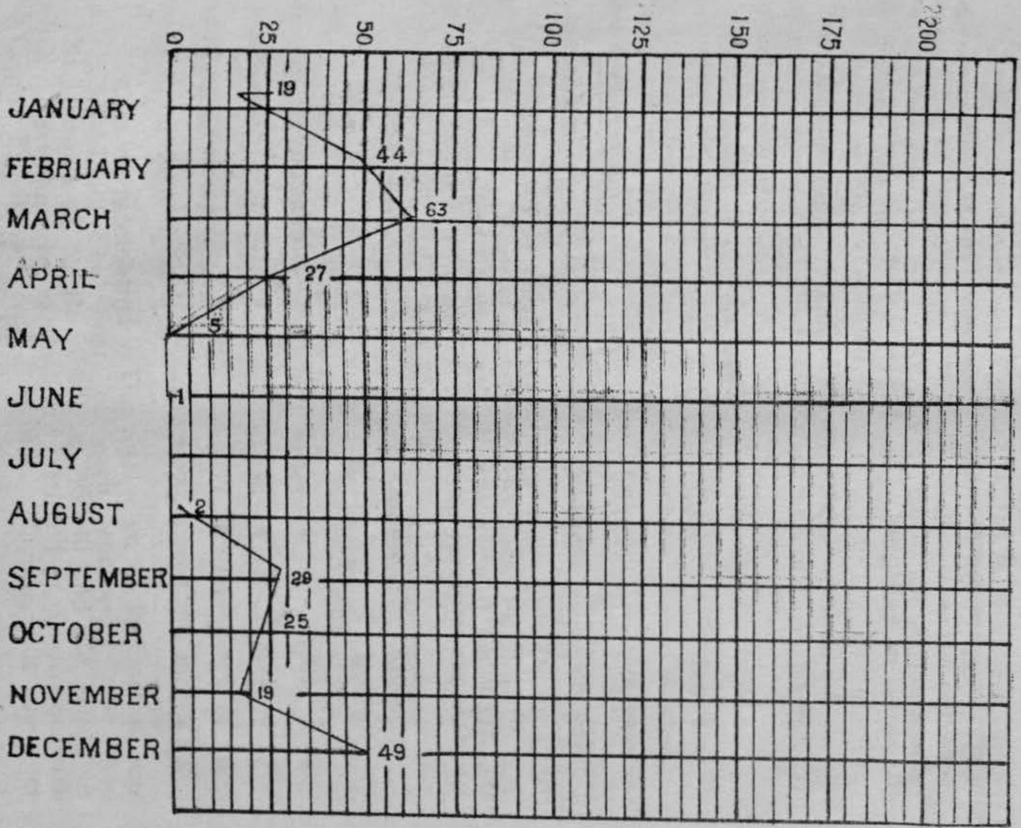
(*b*) *Dispensary vaccination and vaccination by other agencies.*—3,576 vaccinations were done in Jails (Nagpur 858 and Raipur 1,264) and 1,454 by the dispensary staff at Hoshangabad and Akola. The railway staff in Nagpur, Chanda, Raipur and Drug performed 1,384, the Mission dispensaries in Raipur 814, Tea District Labour Associations, Raipur and Bilaspur, 1,067 and Mining agencies 102.

(*c*) *Vaccination in municipal towns.*—In 1940-41 there were 73,424 births in municipal towns and notified areas, of which 15,478 died before attaining one year of age, leaving 57,946 children available for vaccination. Of these, 43,403 were vaccinated giving a percentage of 75 [79]. 14,543 children remained unvaccinated on 1st April 1941.

(*d*) Percentage of success in primary and re-vaccinations—

	Primary vaccination	Re-vaccination
By Civil Surgeons ..	95 (99)	23·67 (38·65)
By Assistant Superintendents of Vaccination	85·96 (91·12)	57·94 (65·83)
By Vaccinators ..	97·16	55·90

3. **Inspection of vaccination (Staement V).**—Civil Surgeons inspected 3.00 [2.61] per cent of the primary and 0.92 [1.11] of the re-vaccinations. The Sub-Assistant Health Officers and other inspecting officers inspected 28.39 [24.27] per cent of primary and 12.83 [10.04] per cent of re-vaccinations. Sub-Assistant Health Officers are required to tour at least 21 days in a month throughout or at least 252 days in the year.



GRAPH No. X
DEATHS FROM PLAGUE
BY MONTHS

4. **Supply of lymph.**—Glycerinated calf lymph, prepared at the Central Provinces Vaccine Institute, Nagpur, was used throughout the Province. The supply was sufficient and good Each brew was tested for purity and potency by actual vaccination before issue.

(*a*) 231 [238] animals (41 buffalo calves, 169 bovine calves and 21 rabbits) were operated on for lymph production. Of these, 7 bovine calves and 14 buffalo calves were rejected on account of unsatisfactory results. The average output of lymph was 75.49 [65.53] grammes per buffalo calf, 36.24 [40.50] grammes per bovine calf and 0.82 [0.92] grammes per rabbit.

The total yield of pulp was 7,925.12 [8,210.76] grammes, equivalent to 45,990 [39,452] c.cs. or 919,800 [789,040] doses. The cost per dose of vaccine was 4.44 [5.17] pies. Average purchase price per calf was Rs. 9-1-1 [Rs. 8-8-7], while the average sale price per calf was Rs. 4-15-7 [Rs. 4-15-11] resulting in a loss of Rs. 4-1-6 [Rs. 3-8-8] per animal.

(*b*) *Distribution of lymph.*—779,620 [790,250] doses of lymph were supplied, *viz.*, 683,270 [673,920] to vaccinators and 963,350 [116,330] to others.

(*c*) Percentage of success was—

	Case success	Insertion success
Primary vaccination ..	98 (99)	90 (89)
Re-vaccination ..	60 (62)	48 (48)

(*d*) *Finance.*—The total expenditure was Rs. 24,700-12-10 [Rs. 24,635-0-5]. Of this, Rs. 15,198-13-5 [Rs. 14,729-12-0] was spent on salaries and travelling allowance and Rs. 9,501-15-0 [Rs. 9,905-4-5] on contingencies. The total receipts amounted to Rs. 31,774-8-7 [Rs. 30,129-5-1] as under :—

Particulars	Amount Rs. a. p.	Amount Rs. a. p.
Sale of calves and rabbits ..	1,064 4 0	1,201 2 0
Sale of lymph ..	30,652 14 7	28,894 4 7
Miscellaneous receipts ..	57 6 0	33 14 6
The profit on the undertaking was	7,073 12 2	5,494 4 8

5. **Cost of vaccination.**—The total cost of vaccination was Rs. 1,83,704-15-0. The cost of each successful case was Re. 0-5-3 compared to Re. 0-6-0 in 1939-40 and Re. 0-6-11 in 1938-39. Excluding the expenditure incurred in connection with the Central Provinces Vaccine Institute, Nagpur, the cost per successful case was Re. 0-4-5.

6. **Training of vaccinators and others.**—The course of training for vaccinators lasts seven weeks. It includes instructions in vaccination, hygiene, epidemiology, vital statistics and ambulance.

One accountant, one schoolmaster, two selected candidates from local bodies and 90 private candidates were trained in vaccination and ambulance. Out of these 94, 3 failed, of which these 3 were re-examined and declared passed. One left the training class before completion of the course.

CHAPTER XIV.—INDUSTRIAL HYGIENE

The number of mines, mills, etc., in the province is as under—

Ginning and pressing factories	... 181
Cotton mills	... 9
Railway workshops	... 1
Printing presses	... 2
Collieries	... 31
Cement factories	... 4
Lime factories	... 6
Oil mills	... 5
Bidi factories	... 7
Shellac factories	... 2
Fine Art Litho Press	... 1
Clay mines	... 2
Manganese mines	... 32
Glass works	... 2
Pottery works	... 3
Rice mills	... 25
Total	... 313

The average strength of workers employed in these was 118,821 (males 84,871, females 33,612 and children 338) and the number of quarters was 23,481.

Conservancy.—Arrangements are generally defective and where suitable they are not made use of due to ignorance and prejudice. The owners are being urged to encourage the use of fixed sanitary conveniences. Workers in mines and factories are generally recruited from backward tracts and depressed classes.

1. **Water-supply**.—This is generally good and sufficient. The chief sources are—

Pipe water-supply in 68 places.

Wells in 180 places.

Wells and tanks in 17 places.

Ground spring or bore wells in three places.

Steps are being taken to bring about further improvements.

2. **Housing**.—Pucca well-built houses are provided in some places, while in others the operatives housed in kucha primitive structure.

No quarters are provided for seasonal factories.

The Empress Cotton Mills, Nagpur, the Model Mills, Nagpur, the Pench Valley Mining Company and the Manganese Corporation have provided fairly satisfactory houses for their labourers and workers, but in other works the housing condition of workers is unsatisfactory and inadequate. A large number of workers have usually to live in congested bustees of neighbouring towns. In Akola, Khamgaon and Amraoti towns steps are being taken to improve these bustees. In Hinganghat and Pulgaon due to economic conditions, a marked deterioration has been noticed. Attention of the local bodies has been particularly drawn to the imperative necessity of improving the quarters of labourers and factory workers.

A great deal remains to be done in the way of providing sanitary abodes for mill, mines and factory workers. In Nagpur, it is hoped, the Improvement Trust will take up the matter. Compulsion by the State appears to be the only remedy for the urgent and pressing problem of industrial housing.

The total extent of cubic space provided for the 64,458 workers esablished in labour settlements is 17,118,492 c.ft. representing on an average 265 c.ft. per labourer. There is, however, considerable overcrowding due to large-sized families and co-residence of relations. The reported cost incurred in the construction of quarters is Rs. 30,79,366.

3. **Lighting and ventilation**.—Same as for 1939.

4. **Medical arrangements**.—The following concerns maintain full-time medical officers, hospitals and dispensaries for their workers :—

(1) The Pench Valley (Chhindwara) Mining Corporation, Parasia.

(2) The C. P. Manganese Ore Coy., Ramtek and Mansar (Nagpur division).

(3) The C. P. Manganese Ore Coy., Barvelli and Ukwa (Balaghat district).

(4) Ballarsha (Chanda) Coal Mine.

(5) Tirodi Mines in Bhandara district.

(6) Ghugus (Chanda) Coal Mines.

(7) Mahakali (Chanda) Coal Mines.

(8) Chikhli Mines in Bhandara district.

(9) Lower Ghorawari Mines in Chhindwara district.

(10) Upper Ghorawari Mines in Chhindwara district.

(11) Damua Mines in Chhindwara district.

During the year Civil Surgeons inspected 30 mines and collieries in Chanda, Chhindwara, Bhandara and Balaghat districts. Their reports with recommendation by the Director of Public Health were forwarded to the Chief Inspector of Mines, Dhanbad.

The general health of the workers was reported to be fair.

CHAPTER XV.—OTHER PUBLIC HEALTH SERVICES

1. **Public Health Institute.**—(1) Dr. C. R. Edibam, M.B., B.S., Dr. P. H. (AMER.), is in combined charge of the Central Provinces Public Health Institute and the Vaccine Institute, Nagpur.

(2) The analytical work done was as follows :—

(*a*) *Water analysis*—

(i) *Bacteriological.*—108 [82] samples were received and analysed. Of these, 87 were from local bodies who have water works and the remaining from miscellaneous sources.

Three municipal committees did not send any samples for analysis during the year, while one sent only one sample.

(ii) *Chemical.*—13 [1] samples were received and analysed and communicated to the senders.

(*b*) *Analysis of food-stuffs*—

(i) *Butter.*—34 [46] samples were received. All the samples were either slightly grossly adulterated with water or fats foreign to pure butter or both.

(ii) *Milk.*—10 [1] samples were received and examined. All the samples were found to be adulterated.

(iii) *Ghee.*—78 [39] samples were received and examined. Out of these, 15 were genuine ghee chemically but very rancid and unfit for human consumption. The rest were found to be adulterated.

(iv) *Rice.*—Four samples received and examined and result communicated to sender.

(*c*) *Examination of pathological specimens.*—One sample of urine received and examined and the report sent to the sender.

(*d*) *Water and Soda Water.*—One sample of water and one of soda water, were received from the Inspector-General of Civil Hospitals, Central Provinces and Berar, for finding out whether they contained amoebae or dysentery group of bacilli. The results were negative.

(*e*) *Miscellaneous.*—Six cholera vaccine tubes manufactured by the Calcutta Clinical Research Association, Limited, were received for examination and result communicated to the firm.

A sample of water from Murinallah in Yeotmal district was received from the Director of Veterinary Services for detecting whether it contained poisonous matter either organic or inorganic. The result communicated to sender.

2. **Finance.**—The total receipts and expenditure for the year amounted to Rs. 986-14-0 [Rs. 701-10-0] and Rs. 2,680-6-5 [Rs. 2,652-10-9], respectively.

The work done by the Public Analysts of the municipalities of Nagpur and Jubbulpore is as follows :—

Article		Total samples	Genuine	Adulterated
Ghee	..	698	595	94
Milk	..	80	74	6
Food-stuff	..	233	125	108
Oil	..	9	9	..
Water	..	259	..	259
Phenyl, Oilcake, Potash and Permanganate.		56	..	56

3. **Sanitary works (Civil)**.—These continued to be in charge of the Chief Engineer, Public Works Department, Central Provinces and Berar, Buildings and Roads Branch, whose report for the year ending March 1941, is attached as Appendix I.

4. **Board of Public Health**.—There were no sittings of the Board, but cases were dealt with by circulation.

A Public Health Act for the Province has been framed and submitted to the Government for orders.

5. **Personal**.—I was in charge of the Department through out the year.

My assistants, *viz.*, Dr. C. R. Edibam, Dr. D. N. Mukerjee and Dr. D. Fernandez have given me very useful assistance and have faithfully and with merit carried out the work entrusted to them.

The ministerial staff have loyally supported me although on occasions the work has been too difficult. Mr. N. V. Sathe, the Superintendent, and Mr. G. P. Deo, the Head Clerk, are due to retire and I wish to place on record their valuable service to the Department. Mr. G. N. Mohril, has been appointed the future Superintendent. He has been specially selected because .of .his general education, intelligence, industry and experience in every branch of the Department. He is shaping very well and has already a good grasp over his works. The other office staff I wish specially to mention for loyal and sturdy work are Mr. M. N. Daniel, in charge of Vital Statistics Section, Mr. G. M. Joglekar and Mr. B. G. Bawre. Mr. K. R. Nayudu, the Head Typist, has handled the large volume of difficult typing work with commendable ability and industry.

S. N. MAKAND, LT.-COL., I.M.S.,

NAGPUR : *Director of Public Health, C. P. & Berar.*

The 30th June 1941.

... the work done by the Resident Auditors of the municipalities ... and ... is as follows:—

...	(Original work)	Checked	Audit...
...	[illegible]	[illegible]	[illegible]
...ile	81	24	6
Tal...uk	275	125	108
		9	
	299		238
Total ... (Officers, ... and ... Perso... ... ...nagement)	20		50

3. Sanitary works (Civil).—These continued to be in charge of the Chief Engineer, Public Works Department, Central Provinces and Berar, Buildings and Roads Branch, whose report for the year ending March 1944, is attached as Appendix I.

...Board of Public Health.—There were no sittings of the Board, but cases were dealt with by circulation.

A Public Health Act for the Province has been framed and submitted to the Government for orders.

5. Personnel.—I was in charge of the Department throughout the year.

My assistants, Drs. ..., C. R. Pathak, Dr. D. N. Mukerjee and Dr. ... Fernandez have given me very useful assistance and ... faithfully and with merit carried out the work entrusted to them.

The ministerial staff have loyally supported me, although ... the work has been too difficult. Mr. ... V. ..., the Superintendent, and Mr. G. R. Rao, the Head Clerk, are due to ... I wish to place on record their creditable service in the ... Department. Mr. G. N. Moghril, has been appointed the future Superintendent. He has been specially selected because of his ... general education, intelligence, industry and experience in every ... Department. He has shaped very well and has ... a good grasp over his work. The other clerks, and I ... specially to mention for ... and ... work are ... N. Daniel, in charge of Vital Statistics Section, ... G. M. Inglekar and Mr. S. G. Desai. Mr. P. P. Narayan, Head Typist, has handled the large volume of difficult ... with commendable quite and ability.

S. N. MAKAND, Lt.-Col., I.M.S.,

Director of Public Health, C. P. & Berar.

NAGPUR:

The 30th June 1945.

APPENDIX A

APPENDIX

STATEMENT SHOWING DEATH-RATE BY SPECIFIED AGE GROUPS IN

Central Provinces

Census population

	Under one year		1—5 years	
	Male	Female	Male	Female
(1)	(2)	(3)	(4)	(5)
Average population ..	265,524	270,607	908,757	950,394
Population (mid-year), 1940 ..	288,264	296,409	986,592	1,041,014
Number of deaths in 1940 ..	77,284	64,677	51,032	44,928
Death-rate per mille of mid-year population.	..	..	51.73	43.16
Death-rate per mille of average population.	..	..	56.16	47.27

	20—30 years		30—40 years	
	Male	Female	Male	Female
(1)	(12)	(13)	(14)	(15)
Average population ..	1,360,352	1,382,444	1,067,818	1,039,652
Population (mid-year), 1940 ..	1,476,864	1,514,244	1,159,275	1,138,782
Number of deaths in 1940 ..	16,774	19,548	18,414	15,784
Death-rate per mille of mid-year population.	11.36	12.91	15.88	13.86
Death-rate per mille of average population.	..	..	17.24	15.18

A

THE CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940

		Male	Female	Total
mid-year population, 1940	..	8,328,165	8,381,547	16,709,712
of 1931	..	7,671,142	7,651,938	15,323,080

5—10 years		10—15 years		15—20 years	
Male	Female	Male	Female	Male	Female
(6)	(7)	(8)	(9)	(10)	(11)
986,460	949,189	892,703	841,653	675,659	706,686
1,070,838	1,039,693	969,172	921,904	733,529	774,067
13,106	11,277	6,850	5,941	6,899	7,406
12.27	10.85	7.07	6.44	9.41	9.57
13.29	11.88	7.67	7.06	10.21	10.48

40—50 years		50—60 years		60 years and upwards	
Male	Female	Male	Female	Male	Female
(16)	(17)	(18)	(19)	(20)	(21)
765,142	714,439	443,100	437,661	305,627	359,213
830,675	782,560	481,152	479,411	331,804	393,463
18,906	13,613	19,561	15,747	38,895	39,582
22.76	17.40	40.65	32.85	117.22	100.60
24.71	19 05	44.15	35.98	127.26	110.19

APPENDIX B

STATEMENT SHOWING THE STATISTICS PERTAINING TO THE MISSION LEPER ASYLUMS IN THE CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940

Name of Asylum	Number of lepers at the end of the year 1939	Number of lepers admitted during the year 1940	Number of lepers discharged or died during the year 1940	Total number remained at the end of 1940	Number of lepers treated during the year 1940
Raipur district—					
Raipur	141	35	29	147	32
Dhamtari	412	78	97	393	490
Bilaspur district—					
Champa	558	102	131	529	607
Jarhagaon	82	15	19	78	48
Drug district—					
Chandkhuri	528	245	268	505	420
Amraoti district—					
Kothara	300	116	121	295	501
Rajnandgaon State—					
Rajnandgaon	75	33	22	86	475
Total ..	2,096	624	687	2,033	2,573

APPENDIX C

STATEMENT SHOWING THE NUMBER OF RATS DESTROYED TOGETHER WITH THE EXPENDITURE THEREON IN THE CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940

District	Name of town	Number of rats destroyed	Amount expended Rs.	a.	p.	Remarks
Nagpur ..	Nagpur City ..	117,548	11,821	9	3	
	Nagpur Civil Station ..	54,743	4,678	11	0	
	Saoner ..	5,624	247	0	0	
	Kalmeshwar ..	2,330	9	0	0	
	Katol ..	1,144	210	4	0	
	Kamptee ..	4,272	..			
	Ramtek ..	2,237	148	1	3	
	Umrer ..	10,669	..			
Wardha ..	Wardha ..	9,253	12	0	0	
	Pulgaon ..	1,167	..			
Chhindwara ..	Chhindwara ..	5,770	314	0	0	
	Pandhurna ..	144	..			
	Sausar ..	241	3	12	3	
	Seoni ..	7,641	492	0	0	
Betul ..	Betul ..	6,292	190	14	0	
	Betul Bazar ..	2,403	..			
Jubbulpore ..	Jubbulpore ..	83,672	9,589	6	9	
	Murwara ..	6,544	97	0	0	
	Sihora ..	259	..			
Saugor ..	Saugor ..	24,243	..			
	Saugor Cantonment ..	920	..			
	Damoh ..	1,083	..			
	Bina ..	2,074	..			
	Deori ..	1,235	..			
Mandla ..	Mandla ..	3,658	74	7	6	
Hoshangabad ..	Hoshangabad ..	4,647	108	0	0	
	Sohagpur ..	3,818	32	0	0	
	Seoni-Malwa ..	314	..			
	Itarsi ..	540	..			
	Chota-Chhindwara ..	6,476	252	6	0	
	Kareligunj ..	1,396	145	0	0	
	Gadarwara ..	238	..			
Nimar ..	Khandwa ..	38,025	714	14	0	
	Burhanpur ..	22,574	407	0	0	
Amraoti ..	Amraoti ..	19,304	387	6	0	
Yeotmal ..	Digras ..	8,730	..			
	Panderkaora ..	26	..			
	Umerkhed ..	608	..			
Akola ..	Akola ..	9,368	352	0	0	
	Akot ..	194	10	6	0	
	Karanja ..	526	..			
Buldana ..	Khamgaon ..	8,516	344	1	0	
	Malkapur ..	11,605	428	4	9	
	Shegaon ..	5,960	94	11	9	
	Mehkar ..	1,834	..			
	Chikhli ..	746	102	5	0	
	Deolgaon Raja ..	4,024	..			
	Pimpalgaon Raja ..	285	..			
	Nandura ..	866	..			
	Total ..	5,05,786	31,266	3	6	

TABLE SHOWING MATERNITY AND CHILD WELFARE CENTRES, HEALTH
CENTRAL PROVINCES AND BERAR

Maternity and Child Welfare

District	Government		Local and municipal bodies		Other agencies	
	Rural	Urban	Rural	Urban	Rural	Urban
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. Nagpur ..	..	..	..	4	2	8
2. Wardha ..	..	..	..	..	..	1
3. Chanda ..	..	..	..	..	..	1
4. Betul ..	..	..	..	..	..	1
5. Chhindwara ..	..	..	..	..	..	2
6. Jubbulpore ..	..	..	..	3	..	..
7. Saugor ..	..	..	..	..	..	2
8. Mandla ..	..	..	..	..	..	..
9. Hoshangabad ..	..	..	..	..	2	6
10. Nimar ..	..	..	..	..	3	4
11. Raipur ..	..	..	..	..	3	..
12. Bilaspur ..	..	..	..	..	..	2
13. Drug ..	..	..	..	..	1	1
14. Bhandara ..	..	..	..	..	..	1
15. Balaghat ..	..	..	..	..	2	1
16. Amraoti ..	..	..	..	..	7	6
17. Akola ..	..	..	..	..	1	2
18. Buldana ..	..	..	..	..	1	2
19. Yeotmal ..	..	..	..	..	..	5
Total ..	..	..	..	7	22	50

D

VISITORS AND TRAINED MIDWIVES IN RURAL AND URBAN AREAS IN THE
DURING THE YEAR 1940

Centres maintained by

Trained visitors		Trained midwives		Trained dais	
Rural	Urban	Rural	Urban	Rural	Urban
(8)	(9)	(10)	(11)	(12)	(13)
2	9	..	..	..	122
..	2	..	..	..	15
..	1	..	..	..	8
..	1	..	..	15	18
..	4	..	..	..	41
..	..	..	..	..	37
..	2	..	..	..	35
..	..	..	..	..	..
3	8	..	..	24	59
2	5	1	..	..	16
3	5	..	..	..	57
..	2	..	..	..	6
1	1	..	..	..	7
..	2	..	..	..	4
2	1	..	..	..	1
7	6	..	..	11	25
1	2	..	..	3	13
1	3	..	..	..	12
..	5	..	..	..	36
22	59	1	..	53	512

APPENDIX

STATEMENT SHOWING HEALTH SERVICES IN RURAL AND URBAN AREAS

Rural

(1)	Medical Officer of Health — Holding D. P. H. — Whole-time (2)	Medical Officer of Health — Holding D. P. H. — Part-time (3)	Medical Officer of Health — Holding L. P. H. S. — Whole-time (4)	Medical Officer of Health — Holding L. P. H. S. — Part-time (5)	Epidemic staff (6)
Nagpur ..	..	..	..	..	5
Wardha ..	..	..	..	..	3
Chanda ..	..	..	..	..	5
Chhindwara ..	..	..	..	..	5
Betul ..	..	..	..	..	3
Jubbulpore ..	..	..	..	..	4
Saugor ..	..	..	..	..	6
Mandla ..	..	..	..	..	3
Hoshangabad ..	..	..	..	..	[illegible]
Nimar ..	..	..	..	..	3
Raipur ..	..	..	..	..	4
Bilaspur ..	..	..	..	..	5
Drug ..	..	..	..	..	4
Bhandara ..	..	..	..	..	3
Balaghat ..	..	..	..	..	3
Amraoti ..	..	..	..	..	6
Yeotmal ..	..	..	..	..	5
Akola ..	..	..	..	..	6
Buldana ..	..	..	..	..	5
Total ..	..	..	..	..	82

Urban

(1)	Medical Officer of Health — Holding D. P. H. — Whole-time (12)	Medical Officer of Health — Holding D. P. H. — Part-time (13)	Medical Officer of Health — Holding L. P. H. S. — Whole-time (14)	Medical Officer of Health — Holding L. P. H. S. — Part-time (15)
Nagpur ..	..	..	..	..
Wardha ..	1	..	..	..
Chanda ..	..	..	..	..
Chhindwara ..	..	..	..	..
Betul ..	..	..	..	..
Jubbulpore ..	..	..	..	..
Saugor ..	1	..	..	..
Mandla ..	..	..	..	..
Hoshangabad ..	..	..	..	..
Nimar ..	..	..	..	..
Raipur ..	..	..	..	..
Bilaspur ..	..	..	..	..
Drug ..	..	..	1	..
Bhandara ..	..	..	..	..
Balaghat ..	..	..	..	..
Amraoti ..	..	..	..	..
Yeotmal ..	..	..	..	..
Akola ..	..	..	1	..
Buldana ..	..	..	..	..
Total ..	2	..	2	..

IN THE CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940

areas

Sanitary and health inspectors	Vaccinators		School Medical Officers	Assistant Superintendent of Vaccination
	Male	Female		
(7)	(8)	(9)	(10)	(11)
	14	..	There are no officers appointed particularly for the medical inspection of schools. The work is done by the Sub-Assistant Health Officers on epidemic duty and Assistant Medical Officers in charge of branch dispensaries.	This is done by the Sub-Assistant Health Officer, *vide* column (6).
	8	..		
	16	..		
	18	..		
	9	..		
	14	..		
	19	..		
	10	..		
	13	..		
	9	..		
	27	..		
	17	..		
	16	..		
	13	..		
	8	..		
	24	..		
	13	..		
	14	..		
	13	..		
..	275	..	..	35

areas

Sanitary Inspectors	Vaccinators		Inspectors of Vaccination	School Medical Officers	Other health staff	Remarks
	Male	Female				
(16)	(17)	(18)	(19)	(20)	(21)	(22)
8	16	..	Assistant Superintendent of Vaccination, column (11), Health Officers, column (12) and Sanitary Inspectors, column (16).	As in column (10).	2 (*a*)	(*a*) One Superintendent, Central Provinces Vaccine Institute, and Officer-in-charge, Public Health Institute, and one Lady Superintendent Health School.
2	6	..				
2	2	..				
2	4	..				
1	3	..				
6	5	..				
4	6	..				
1	1	..				
10	8	..				
2	2	..				
4	6	..			1 (*b*)	(*b*) Leprosy Specialist.
2	3	..				
1	1	..				
3	4	..				
2	1	..				
4	11	..				
5	9	..				
6	6	..				
5	6	..				
70	100	..	..	..	..	..

STATEMENT SHOWING THE NUMBER OF ATTENDANCES, ETC., AT THE
DURING THE

Name of centre	Attendance at the centre			Total
	Infants	Toddlers	Ante-natal	
Itwari (Nagpur)	9,798	6,797	599	17,194
Mominpura	9,750	5,674	473	15,897
Shukrawari	6,628	4,322	178	11,128
Sitabuldi	4,421	3,921	362	8,704
Sadar (Nagpur)	4,936	7,678	447	13,061
Indora	4,625	4,517	87	9,229
Dharampeth	4,578	7,357	1,010	12,945
Khalasi Lines (Nagpur)	4,239	5,066	947	10,262
Lendra (Nagpur)	1,798	4,728	197	6,723
Katol	1,190	6,056	168	7,414
Kamptee Town	2,292	5,499	154	7,945
Saoner	1,498	2,578	233	4,309
Parseoni	4,363	7,143	163	11,669
Hinganghat	4,872	6,490	400	11,762
Chanda	2,956	2,588	220	5,764
Betul	4,191	6,728	122	11,041
Chhindwara	2,664	10,942	368	13,974
Seoni	2,794	4,639	271	7,704
Civil Lines (Jubbulpore)	4,383	4,046	283	8,712
Hanmantal (Jubbulpore)	7,512	4,655	756	12,923
Lordganj (Jubbulpore)	6,471	4,190	170	10 831
Saugor	2,927	4,428	109	7,464
Damoh	2,963	3,771	276	7,010
Itarsi	1,548	1,674	62	3,284
Sohagpur	2,561	4,267	166	6,994
Piparia	1,952	5,731	107	7,790
Pachmarhi	1,914	4,181	111	6,206

F

INFANT WELFARE CENTRES IN THE CENTRAL PROVINCES AND BERAR

YEAR 1940

Home visiting				Ante-natal examination		Whether sewing classes are held	Whether dais' classes are held	Whether mothers' classes are held
Infants	Toddlers	Ante-natal	Post-natal	Urine test	Pelvic measurements taken			
260	186	1,728	2,999	598	152	Yes	Yes	..
1,030	723	4,793	4,902	472	197	Yes	Yes	..
74	69	977	3,163	169	97	Yes	Yes	..
67	72	721	2,116	359	157	Yes	Yes	..
3,863	3,542	974	2,696	223	79	Yes	Yes	Yes
607	1,099	738	2,406	144	64	Yes	Nil	Yes
1,408	1,370	373	1,053	100	85	Yes	Nil	Yes
1,562	1,886	315	603	152	163	..	Yes	Yes
1,324	1,364	220	407	49	31	..	Yes	Yes
1,042	1,029	204	3,182	102	60	Yes	Yes	Yes
1,737	1,337	387	1,973	88	30	Yes	Yes	Yes
730	729	414	974	35	20	Yes	Yes	Yes
2,082	2,410	604	873	51	12	Nil	Nil	Yes
2,494	1,360	1,153	1,419	87	10	Nil	Yes	Yes
1,128	1,210	276	709	45	37	Yes	Yes	Yes
500	274	458	1,097	33	..	Yes	Yes	Yes
890	851	508	1,710	216	18	Yes	Yes	Yes
1,948	1,401	515	1,306	40	31	Yes	Yes	Yes
2,060	1,305	2,619	5,000	..	..	Yes	Yes	Yes
1,309	680	803	3,307	..	..	Yes	Yes	Yes
1,641	496	634	2,639	..	..	Yes	Yes	Yes
1,306	1,294	389	547	21	18	Nil	Yes	Yes
1,416	1.515	467	1,009	34	48	Yes	Yes	Yes
314	402	152	1,851	11	2	Nil	Yes	Yes
2,056	1,306	529	3,114	24	18	Nil	Yes	Yes
804	772	234	1,292	33	26	Yes	Yes	Yes
1 092	3,598	1,762	1,251	19	28	Yes	Yes	Yes

APPENDIX

STATEMENT SHOWING THE NUMBER OF ATTENDANCES, ETC., AT THE
DURING THE

Name of centre	Attendance at the centre			Total
	Infants	Toddlers	Ante-natal	
Seoni-Malwa	5,677	10,563	930	17,170
Khaperkheda	1,963	4,805	121	6,889
Jamai Ashram	250	2,026	16	2,292
Khandwa (Lady Butler Centre) ..	2,429	4,280	190	6,899
Ghaspura (Khandwa)	5,688	12,417	216	18,321
Borgaon	2,998	8,505	154	11,657
Chhegaon Makhan	1,505	4,915	102	6,522
Shanwara (Burhanpur)	2,431	3,806	182	6,419
Sindhipura (Burhanpur)	4,483	3,866	193	8,542
Loni	3,972	6,617	494	11,083
Baijnathpara (Raipur)	3,504	5,684	409	9,597
Puranibasti (Raipur)	3,546	4,750	100	8,405
Ganjpadao (Raipur)	765	2,744	108	3,617
Dhamtari	1,451	5,180	200	6,831
Bhatapara	3,449	3,536	293	7,278
Baloda-Bazar	1,041	4,016	270	5,327
Mahasamund	832	5,144	152	6,128
Kharora	184	344	4	532
Bilaspur (Sadar)	2,391	7,749	311	10,451
Juna-Bilaspur	3,560	4,301	337	8,198
Drug	2,101	7,644	627	10,372
Damda (from May)	830	1,965	79	2,874
Bhandara	5,541	11,992	165	17,698
Waraseoni	678	3,063	145	3,886
Lanji	1,036	1,840	85	2,961
Katangi	1,428	4,035	267	5,730
Amraoti Camp	4,055	3,235	482	7,772

INFANT WELFARE CENTRES IN THE CENTRAL PROVINCES AND BERAR

YEAR 1940—*cont.*

Home visiting				Ante-natal examination		Whether sewing classes are held	Whether dais' classes are held	Whether mothers' classes are held
Infants	Toddlers	Ante-natal	Post-natal	Urine test	Pelvic measurements taken			
905	518	456	1,012	59	59	Yes	Yes	Yes
1,389	2,498	465	484	57	31	Yes	Yes	Yes
784	1,502	447	134	..	..	Yes	Nil	Yes
769	937	354	1,336	155	54	Yes	Yes	Nil
1,274	1,329	416	1,726	172	48	Yes	Yes	..
1,228	1,604	541	374	7	17	Yes	..	Yes
1,300	3,125	602	266	42	..	Yes	Yes	Yes
1,678	1,465	630	1,863	53	47	Yes	Yes	Yes
2,035	1,953	798	3,845	48	70	Yes	Yes	Yes
1,278	1,214	457	849	61	92	Yes	Yes	Yes
1,335	1,442	789	1,482	167	90	Yes	Yes	Yes
1,979	1,352	523	1,385	48	25	Yes	Yes	Yes
725	510	288	453	10	..	..	..	Yes
1,460	1,345	468	3,070	35	33	Yes	Yes	Yes
881	952	333	1,741	68	42	Yes	Yes	Yes
725	955	559	634	68	5	Yes	Yes	Yes
663	858	203	330	13	14	Yes	Yes	Yes
290	..	51	342	1	..	Yes	Yes	Yes
1,657	739	499	1,293	54	..	Yes	Yes	Yes
1,681	1,142	983	1,905	5	5	Yes	Yes	Yes
934	411	416	2,194	..	..	Yes	Yes	Yes
267	220	232	212	..	..	Nil	Yes	Yes
773	899	683	606	108	61	..	Yes	Yes
825	1,010	183	763	7	2	Yes	Yes	Yes
1,078	1,050	232	535	26	26	Yes	Yes	Yes
729	743	317	424	3	3	Yes	Yes	Yes
2,370	1,786	665	860	54	40	..	..	Yes

STATEMENT SHOWING THE NUMBER OF ATTENDANCES, ETC., AT THE
DURING THE

Name of centre		Attendance at the centre			Total
		Infants	Toddlers	Ante-natal	
Masanganj (Amraoti) ..	..	4,699	5,340	492	10,531
Ellichpur Camp ..	..	3,530	3,684	276	7,490
Daryapur ..	..	3,620	3,622	218	7,460
Chandur Bazar ..	..	2,191	2,223	591	5,005
Karajgaon ..	..	3,299	4,792	179	8,270
Shendurjana ..	..	997	2,597	266	3,860
Navsari ..	..	1,370	1,099	158	2,627
Jarud ..	..	585	1,899	123	2,607
Takarkheda ..	..	990	3,626	61	4,677
Kakda ..	..	525	2,126	31	2,682
Walgaon ..	..	491	1,752	18	2,261
Akola (Hanumanbasti) ..	..	4,791	10,367	169	15,327
Ugwa ..	..	2,446	4,677	114	7,237
Basim ..	..	3,162	2,890	619	6,671
Khamgaon (No. 1 Centre)..	..	4,895	12,017	456	17,368
Khamgaon (No. 2 Centre)..	..	3,411	7,565	53	11,029
Malkapur ..	..	2,353	5,462	594	8,409
Deulghat (from August) ..	..	442	1,029	1	1,472
Yeotmal ..	..	2,611	2,080	121	4,812
Ghatanji ..	..	2,795	6,883	88	9,766
Digras ..	..	1,984	4,259	61	6,304
Wun ..	..	1,883	4,231	115	6,229
Umarkhed ..	..	1,727	2,798	378	4,903
Total ..	..	232,409	375,706	20,262	628,377

I

NFANT WELFARE CENTRES IN THE CENTRAL PROVINCES AND BERAR

YEAR 1940—*cont.*

Home visiting				Ante-natal examination		Whether sewing classes are held	Whether dais' classes are held	Whether mothers' classes are held
Infants	Toddlers	Ante-natal	Post-natal	Urine test	Pelvic measurements taken			
1,250	1,300	944	994	21	27	Yes	..	Yes
819	511	447	1,410	85	57	Yes	Yes	Yes
1,163	1,118	372	441	55	41	..	Yes	Yes
1,266	1,049	1,575	1,988	122	117	Yes	Yes	Yes
1,223	1,074	194	1,291	79	33	Yes	Yes	Yes
1,106	861	354	755	50	28	Yes	Yes	Yes
977	963	254	550	9	3	Yes	Yes	Yes
747	1,042	251	564	64	..	..	Yes	Yes
972	4,545	68	228	60	..	..	Yes	Yes
792	2,291	411	443	8	..	..	Yes	Yes
264	265	157	479	16	..	Yes	Yes	Yes
718	1,314	258	956	136	96	Yes	Yes	Yes
1,148	1,667	535	1,019	50	33	Yes	Yes	Yes
914	774	625	865	..	..	..	..	Yes
321	883	266	1,644	15	15	Yes	Yes	Yes
838	1,041	233	431	5	3	..	..	..
401	390	1,145	2,808	..	163	..	Yes	Yes
301	75	75	184	..	..	..	..	..
583	983	209	1,216	65	66	..	Yes	Yes
731	780	338	436	73	41	..	Yes	Yes
767	761	194	344	..	11	..	Yes	Yes
975	925	285	1,763	41	25	Yes	Yes	Yes
1,043	740	375	1,206	21	..	..	Yes	Yes
85,075	87,391	45,102	105,731	5,401	2,906	..	..	..

APPENDIX G

STATEMENT OF WATER-WORKS IN TOWNS AND PARTICULARS OF SUPPLY

[The water-supply in the following towns is from water works. The remainder are supplied from wells]

Name of town	Population	Source of supply	Methods of purification	Potability of water	Method of supply
Nagpur ..	215,165	Two reservoirs with impounded catchment areas.	Automatic chlorination..	Satisfactory during dry weather, unpotable during rains.	Pumping and gravitation.
Wardha ..	19,571	River (Paonar) ..	Sedimentation with alum filtration, chlorination with Patterson chloronome.	Potable ..	Pumping.
Arvi ..	16,293	Impounded reservoir ..	No chlorination ..	Unpotable ..	Gravitation.
Hinganghat ..	22,601	River (Wana) ..	From infiltration well. Automatic chlorination.	Unpotable ..	Pumping.
Seoni ..	16,081	Impounded reservoir ..	Chlorination only venture. Patterson chloronome.	Potable during dry season. Unpotable during rains.	Gravitation.
Jubbulpore ..	104,317	Impounded reservoir ..	Automatic chlorination..	Unpotable ..	Gravitation.
Damoh ..	20,728	Impounded reservoir ..	Automatic chlorination..	Potable during dry season. Unpotable during rains.	Pumping.
Harda ..	16,031	Ajnar river ..	*Nil* ..	Unpotable ..	Pumping.
Khandwa ..	34,622	Impounded reservoir. Rameshwar well. Infiltration in Bhairy talao.	Automatic chlorination..	Well water unpotable. Tank potable during dry season and unpotable during rains.	Gravitation. Supplementary pumps.
Burhanpur ..	44,066	Special wells and subteranean aqueducts.	Rough uncontrolled. Chlorination with bleaching powder.	Potable during dry seasons.	Gravitation.

Raipur ..	45,390	River (Karun). Infiltration wells.	Automatic chlorination ..	Unpotable ..	Pumping
Bhandara ..	16,738	Infiltration wells on Wainganga river.	*Nil* ..	Unpotable ..	Pumping.
Amraoti Town ..	46,832	Impounded reservoir ..	Automatic chlorination ..	Potable during dry season and unpotable during rains.	Gravitation. Supplementary pumps.
Amraoti Camp ..	10,268	Impounded catchment area and reservoir.	Inefficient filtration. No chlorination by hand*.	Unpotable ..	Gravitation. Supplementary pumps.
Ellichpur ..	28,592	Subterranean aqueducts fed by mountain stream. Also ordinary wells.	*Nil* ..	Unpotable ..	Gravitation and masonry aqueducts.
Akola ..	47,632	Impounded reservoir ..	Automatic chlorination ..	Potable during dry season and unpotable during rains.	Gravitation. Supplementary pumps.
Buldana ..	7,504	River (Painganga). Infiltration galleries.	*Nil* ..	Unpotable ..	Pumping.
Khamgaon ..	33,462	Impounded reservoir ..	*Nil* ..	Unpotable ..	Gravitation.
Shegaon ..	14,698	Infiltration wells in Man river.	*Nil* ..	Unpotable ..	Pumping.

*A Patterson chloronome is being installed.

DEATHS REGISTERED FROM SPECIAL DISEASES

Month		Cholera	Smallpox	Plague	Dysentery	Diar-rhoea	Enteric fever
January	..	..	274	19	355	1,477	57
February	..	9	422	44	190	1,178	64
March	..	65	674	63	266	1,351	107
April	..	11	768	27	282	1,182	184
May	..	1	858	5	331	1,146	125
June	..	67	576	1	307	982	73
July	..	322	333	..	360	1,301	72
August	..	1,309	170	2	554	2,856	102
September	..	1,953	74	29	540	3,453	140
October	..	788	67	25	438	3,141	128.
November	..	391	144	19	273	2,106	103
December	..	58	247	49	202	1,502	66
Total	..	4,974	4,607	283	4,098	21,675	1,221

H

IN CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940

Measles	Whooping cough	Pneumonia	Diphtheria	Influenza	Cerebro-spinal meningitis	Malaria
86	299	384	1	29	3	23,807
170	285	335	4	15	3	20,252
272	296	419	3	31	1	22,076
391	259	482	1	21	..	24,019
521	236	470	3	47	..	25,357
500	167	283	7	27	..	18,905
432	248	265	7	23	1	16,544
188	235	314	9	29	5	20,048
158	276	409	2	28	8	25,675
96	285	334	7	30	3	25,184
125	253	343	1	22	..	22,980
173	223	353	1	24	2	20,418
3,112	3,062	4,391	46	326	26	265,265

APPENDIX I

REPORT ON SANITARY WORKS UNDERTAKEN BY THE PUBLIC WORKS DEPARTMENT DURING THE FINANCIAL YEAR 1940-41

The report is grouped under the following heads :—

Part I.—Water Works.

Part II.—Drainage.

Part III.—Anti-malarial and sanitary measures.

Part I.—Water Works

1. *Bhatapara Water Works.*—A scheme for the water-supply of Bhatapara town from wells, was under investigation during the year ; a sum of Rs. 272 was spent on taking recuperation tests of existing wells to ascertain the probable yield of the proposed new wells. Estimates for a 30 ft. diameter well, 60 ft. deep with 3" to 4" bore holes and for a 10" tube well are under preparation.

2. *Jubbulpore Water Works (Gour river pumping scheme for Jubbulpore town).*—A stage I estimate amounting to Rs. 10·57 lakhs has already been approved by the Chief Engineer. An estimate amounting to Rs. 1,000 for surveying and preparing the scheme in stage II has been sent to the Local Self-Government Department for administrative approval.

3. *Raipur Water Works.*—The estimates for improvements to the water works though approved by the Municipal Committee, remained pending as the committee were still unable to finance the scheme to the satisfaction of the Government.

4. *Drug Town Water Supply.*—The stage I estimate sent to the Director of Public Health for obtaining the approval of the Board of Public Health has been returned by him ; it is being revised, as the site of the purification works allowed for therein was not approved by the Director of Public Health in his capacity as Chairman of the Provincial Board of Public Health.

5. *Water Supply Scheme of Leper Asylum, Chama.*—The yield of the existing tube well was tested to ascertain the supply available but as the experiments made were not convincing, it will be tested afresh during the year 1941 hot weather.

6. *Water Supply Scheme for Wun Town in the Yeotmal district.*—A stage I estimate for the scheme to allow for electrical pumping is under preparation.

Part II.—Drainage Scheme

1. *Drug Drainage Scheme.*—A stage I estimate amounting to Rs. 1,00,000 for surface drainage scheme was sent to the Commissioner, Chhattisgarh division, on the 7th May 1940 for necessary action as required in paragraph 73, section IX, Chapter I of the Central Provinces Public Health Manual.

2. *Bilaspur Drainage Scheme.*—The revised estimate is still under the consideration of the Municipal Committee.

3. *Gondia Town Drainage Scheme.*—The scheme has been sent to the Director of Public Health, Central Provinces and Berar. Sanction of Government is awaited.

Part III.—Anti-malarial and Sanitary Works

No work was undertaken under this head during the year under report.

APPENDIX J

SHOWING BIRTHS, DEATHS, INFANTS AND MATERNAL MORTALITY RAT IN URBAN AND RURAL AREAS OF THE CENTRAL PROVINCES AND BER DURING THE YEAR 1940

District	Birth rate		Death rate		Infant mortality rate		Maternal mortality rate		
	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	[illegible]
Nagpur ..	45·97	36·20	40·08	29·66	282·79	254·56	5·31	5·73	[illegible]
Wardha ..	35·76	35·02	27·88	31·95	224·25	254·48	10·24	8·44	[illegible]
Chanda ..	41·78	37·89	33·77	27·08	221·26	205·97	17·35	7·16	[illegible]
Chhindwara ..	43·52	34·25	33·61	29·71	237·21	216·75	2·03	5·02	[illegible]
Betul ..	39·26	41·85	26·07	30·38	196·05	210·68	6·05	5·34	[illegible]
Jubbulpore ..	44·52	41·76	33·98	38·47	253·86	273·50	9·27	6·52	[illegible]
Saugor ..	45·03	41·81	35·39	40·09	248·98	242·50	6·30	4·25	[illegible]
Mandla ..	43·94	34·34	39·01	27·60	265·85	188·94	4·77	6·85	[illegible]
Hoshangabad	42·76	40·19	24·29	35·09	244·01	260·74	6·26	3·00	[illegible]
Nimar ..	47·42	51·54	36·02	40·19	228·30	248·07	7·78	3·91	[illegible]
Raipur ..	38·39	34·52	30·96	26·56	234·09	208·24	15·59	7·88	[illegible]
Bilaspur ..	37·07	35·14	31·60	27·08	241·94	211·46	9·49	7·24	[illegible]
Drug ..	43·71	39·61	32·82	30·76	292·83	229·34	13·06	7·86	[illegible]
Bhandara ..	40·27	36·53	27·32	23·64	218·99	216·00	5·83	4·39	[illegible]
Balaghat ..	25·93	33·06	14·14	26·67	130·91	205·29	3·62	4·38	[illegible]
Amraoti ..	39·14	35·24	28·92	27·60	205·80	225·59	15·29	13·07	[illegible]
Yeotmal ..	35·95	33·13	29·79	32·08	215·33	213·17	8·84	10·11	[illegible]
Akola ..	40·41	35·55	28·20	29·70	199·76	220·15	13·12	14·64	[illegible]
Buldana ..	40·36	37·56	27·11	26·45	197·47	194·03	9·65	11·67	[illegible]
Total ..	41·89	37·04	32·68	30·00	224·50	237·18	9·21	7·28	[illegible]

APPENDIX K

STATEMENT SHOWING THE RAINFALL IN EACH DISTRICT IN THE

District	January	February	March	April	May
Nagpur	..	0.38	..	0.41	0.40
Wardha	..	0.77	..	0.62	0.87
Chanda	..	0.93	..	0.61	0.20
Chhindwara	..	0.45	0.18	0.03	0.26
Betul	0.05	0.55	..	0.19	0.37
Jubbulpore	0.10	0.10	0.60	0.04	1.59
Saugor	0.43	0.55	0.20	0.08	1.08
Mandla	..	0.38	0.08	1.09	0·37
Hoshangabad	0.39	0.33	..	0.02	0.48
Nimar	0.09	0.01	..	0.03	..
Raipur	..	0.51	0.68	0.38	0.40
Bilaspur	..	0.45	1.16	0.06	0.59
Drug	..	1.23	..	1.38	0.62
Bhandara	..	1.42	0.08	0.16	0.63
Balaghat	..	1.37	0.70	..	0.14
Amraoti	..	0.21	..	..	1.46
Yeotmal	..	0.08	..	1.02	0.03
Akola	..	0.07	..	0.13	0.01
Buldana	..	0.12	..	0.30	0.11

ENTRAL PROVINCES AND BERAR DURING THE YEAR 1940

June	July	August	September	October	November	December	Total rainfall
19.62	22.20	17.49	2.75	3.30	0.28	0.04	66.87
14.42	21.45	6.81	2.90	4.83	0.87	0.71	53.38
11.86	29.37	15.75	2.28	4.99	1.09	4.80	67.88
10.45	22.11	12.58	2.60	2.58	0.84	0.68	52.76
5.84	31.38	19.99	1.10	2.09	1.13	0.36	63.05
3.46	23.18	15.23	3.01	2.41	..	1.17	50.89
4.33	24.26	16.21	5.13	0.15	0.14	0.92	53.48
4.45	16.06	23.70	3.79	1.58	0.10	2.27	52.87
12.02	22.94	18.62	3.37	0.95	0.18	0.07	59.27
12.65	12.62	6.78	1.94	5.76	3.10	..	42.98
9.40	23.39	12.33	0.33	2.76	0.15	1.32	51.55
6.36	16.31	36.82	1.42	2.69	0.79	0.95	67.60
10.17	29.14	13.24	1.73	4.45	0.07	1.53	63.56
10.96	32.57	16.72	1.85	2.02	1.20	0.22	67.83
6.83	32.52	19.72	0.93	1.09	0.35	0.03	63.68
10.36	15.42	6.07	2.03	5.05	1.29	0.40	42.29
9.38	11.43	7.40	1.52	6.85	2,40	0.18	40.33
6.61	16.95	7.35	2.15	2.07	0.44	0.68	36.46
9.41	12.33	5.17	1.90	1.90	0.51	0.64	32.39

STATEMENT SHOWING TEMPERATURE IN EACH DISTRICT I

District		January		February	
		Minimum	Maximum	Minimum	Maximum
Nagpur	..	53.2	83.7	60.06	89.6
Wardha	..	..	..	..	..
Chanda	..	51.6	84.0	61.3	90.2
Chhindwara	..	..	..	..	..
Betul	..	..	..	..	..
Jubbulpore	..	45.7	80.5	51.9	84.9
Saugor	..	53.0	75.9	56.2	80.0
Mandla	..	..	..	..	..
Hoshangabad	..	54.3	80.9	60.0	85.3
Nimar	..	52.2	84.6	58.2	89.6
Raipur	..	52.4	80.9	61.2	86.6
Bilaspur	..	..	..	..	..
Drug	..	..	..	..	..
Bhandara	..	..	..	..	..
Balaghat	..	..	..	..	..
Amraoti	..	58.5	83.1	63.6	88.8
Yeotmal	..	..	..	..	..
Akola	..	56.4	85.4	61.5	91.2
Buldana	..	..	..	..	..

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THE CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940

March		April		May		June		July	
Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
66.1	96.2	75.0	104.3	83.6	108.6	79.0	98.7	74.3	85.1
..	..	..	..	..	..	..	..	..	..
66.2	97.0	77.0	103.8	83.5	107.9	80.5	99.7	75.1	84.4
..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..
58.8	90.6	68.5	101.0	78.4	107.0	78.4	100.3	74.7	85.7
62.7	86.5	72.9	97.7	80.3	104.5	78.3	98.6	74.6	85.3
..	..	..	..	..	..	..	..	..	..
63.6	90.9	75.4	101.5	81.5	107.5	79.8	99.2	74.9	84.3
63.0	92.4	72.7	103.6	82.9	108.1	79.4	99.6	75.0	86.3
68.2	93.9	76.8	102.0	83.3	106.5	78.9	97.9	74.3	83.7
..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..
66.5	93.5	78.1	103.0	81.8	107.4	78.0	97.8	73.7	83.6
..	..	..	..	..	..	..	..	..	..
64.7	94.3	75.8	104.4	82.4	107.8	78.1	99.2	74.2	86.8
..	..	..	..	..	..	..	..	..	..

STATEMENT SHOWING TEMPERATURE IN EACH DISTRICT IN

District		August		September	
		Minimum	Maximum	Minimum	Maximum
Nagpur	..	74.9	86.7	73.9	91.3
Wardha	..	..	..	..	..
Chanda	..	75.4	86.2	74.8	90.6
Chhindwara	..	..	..	..	..
Betul	..	..	..	..	..
Jubbulpore	..	74.3	84.6	72.2	89.2
Saugor	..	72.8	81.8	70.5	86.4
Mandla	..	..	..	..	..
Hoshangabad	..	73.9	82.6	72.0	88.0
Nimar	..	74.0	84.5	72.3	89.3
Raipur	..	75.0	85.9	75.5	91.1
Bilaspur	..	..	..	..	..
Drug	..	..	..	..	..
Bhandara	..	..	..	..	..
Balaghat	..	..	..	..	..
Amraoti	..	73.5	84.0	72.3	89.4
Yeotmal	..	..	..	..	..
Akola	..	74.4	86.0	73.1	90.8
Buldana	..	..	..	..	..

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THE CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940—*concld.*

October		November		December		Total average temperature	
Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
69.3	91.7	62.[illegible]	87.8	58.1	82.3	69.2	92.1
..	..	..	..	..	..	..	..
69.0	89.5	61.5	86.1	58.0	81.7	69.5	91.8
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
63.9	90.3	54.0	85.8	50.3	78.1	64.3	89.4
66.8	88.3	60.5	82.7	53.8	74.5	66.9	86.9
..	..	..	..	..	..	..	..
66.7	91.0	59.4	84.3	54.7	78.6	68.0	89.5
65.8	93.1	58.5	87.6	52.9	81.9	67.2	91.7
70.6	90.9	61.8	86.9	57.8	80.4	69.7	90.7
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
70.6	90.9	64.6	86.4	59.6	81.6	70.1	90.8
..	..	..	..	..	..	..	..
67.7	93.5	61.0	88.4	56.0	86.5	68.8	92.9
..	..	..	..	..	..	..	..

APPENDIX M

STATEMENT SHOWING THE SMALLPOX PATIENTS TREATED AND THEIR VACCINAL CONDITIONS IN THE CENTRAL PROVINCES AND BERAR

Ages	Vaccinated as evidenced by the presence of one or more vaccination cicatrix			Stated to have been successfully vaccinated but no vaccination cicatrix present	Stated to be unvaccinated or vaccinated unsuccessfully and no vaccination cicatrix present	Previously unvac cinated but vac cinated during incubation of smallpox	Stated to have been successfully revaccinated		
	During the year 1940	Within last five years	More than five years previously				During the year 1940	Within the last five years	More than five years previously
Under one year	22	4	..	4	19	1	..	..	..
1	17	18	..	2	9	..	1	..	..
2	20	5	..	..	9	6	1	1	..
3	17	6	1	1	5	..	..	1	..
4	21	8	..	1	3	1	1	1	..
5	14	3	..	2	2	..	..	..	1
6	13	22	5	..	9	..	1	..	..
7	26	3	5	3	5	..	..	1	..
8	10	8	2	1	11	..	..	2	..
9	12	..	1	2	1	..	..	6	..
10	9	3	1	3	..	..	..	1	..
11	7	1	1	2	..	..	..	..	..
12	4	74	1	..	1	..	1	..	..
13	4	..	..	..	..	..	1	..	..
14	2	..	..	..	2	..	2	..	..
15	2	..	1	2	1	..	7	..	..
20	103	1	4	3	10	..	6	..	..
25	19	12	16	4	8	..	4	1	..
30	15	2	3	6	6	..	2	..	..
35	10	2	..	3	..	..	..	2	76
40	6	1	..	1	2	..	..	1	..
50	2	..	..	..	..	..	..	..	..
60	..	..	..	..	..	..	..	..	..
70	..	..	..	..	..	..	..	..	..
80 and upwards.	1	..	..	..	..	..	..	..	..
	356	173	41	40	103	8	27	17	77

VITAL STATISTICS

BIRTHS REGISTERED IN EACH DISTRICT OF THE CENTRAL

Serial No.	District		Estimated population Male	Female	Total
	Nagpur Division.				
1	Nagpur	.. ..	520,880	497,662	1,018,542
2	Wardha	.. ..	279,195	274,566	553,761
3	Chanda	.. ..	426,178	424,450	850,628
4	Chhindwara	..	510,703	528,184	1,038,887
5	Betul	.. ..	211,633	219,866	431,499
	Total	..	1,948,589	1,944,728	3,893,317
	Jubbulpore Division.				
6	Jubbulpore	.. ..	439,230	431,692	870,922
7	Saugor	.. ..	466,837	451,226	918,063
8	Mandla	.. ..	249,381	254,254	503,635
9	Hoshangabad	.. ..	427,171	419,750	846,921
10	Nimar	.. ..	249,722	240,138	489,860
	Total	..	1,832,341	1,797,060	3,629,401
	Chhattisgarh Division.				
11	Raipur	.. ..	734,157	791,338	1,525,495
12	Bilaspur	.. ..	746,042	788,34	1,534,383
13	Drug	.. ..	434,586	476,572	911,158
14	Bhandara	.. ..	462,455	471,418	933,873
15	Balaghat	.. ..	299,382	314,247	613,629
	Total	..	2,676,622	2,841,916	5,518,538
	Berar Division				
16	Amraoti	.. ..	513,356	486,294	999,650
17	Yeotmal	.. ..	469,202	457,911	927,113
18	Akola	.. ..	467,239	444,340	911,579
19	Buldana	.. ..	420,816	409,298	830,114
	Total	..	1,870,613	1,797,843	3,668,456
	Total for the province	..	8,328,165	8,381,547	16,709,712

PROVINCES AND BERAR DURING THE YEAR 19·0

Number of births registered			Ratio of births per 1,000 of population			Mean ratio of births per 1,000 during the previous five years		
Male	Female	Total	Male	Female	Total	Male	Female	Total
20,679	19,609	40,288	20.30	19.25	39.55	22.38	21.02	43.40
9,989	9,475	19,464	18.04	17.11	35.15	19.60	18.65	38.25
16,516	15,976	32,492	19.42	18.78	38.20	22.41	21.26	43.69
18,363	17,735	36,098	17.68	17.07	34.75	20.31	19.37	39.68
9,424	8,592	18,016	21.84	19.91	41.75	21.71	20.61	42.32
74,971	71,387	146,358	19.26	18.34	37.60	23·36	20.24	43.61
18,904	17,933	36,837	21.70	20.59	42.29	26.61	25.40	52.01
20,070	18,681	38,751	21.86	20.35	42.21	25.01	23.11	48.12
8,754	8,630	17,384	17.38	17.14	34.52	20.12	19.36	39.48
17,712	16,562	34,274	20.91	19.56	40.47	22.00	20.81	42.81
12,790	12,099	24,889	26.11	24.70	50.81	22.70	21.26	43.96
78,230	73,905	152,135	21.55	20.36	41.91	23.68	22.33	46.01
27,087	25,875	52,962	17.76	16.96	34.72	20.66	19.98	40.64
27,787	26,262	50,449	18.11	17.12	35.23	20.95	19.99	40.94
18,489	17,663	36,152	20.29	19.39	39.68	22.67	22.16	44.83
17,548	16,797	34,345	18.79	17.99	36.78	21.11	20.64	41.95
10 436	9,777	20,213	17.10	15.93	32.94	18.18	17.07	35.25
101,347	96,374	197,721	18.37	17.46	35.83	20.88	20.04	40.92
18,723	17,312	36,035	18.73	17·32	36.05	20.68	19.38	40.06
16,018	14,952	30,970	17.28	16·13	33.41	20.02	18.66	38.66
17,203	16,015	33,218	18.87	17.57	36.44	19.69	18.42	38.12
16,291	15,218	31,509	19.62	18.33	37.95	21.11	20.17	41.50
68,235	63,497	131,732	18.60	17.31	35.91	20.41	19.13	39.54
322,783	305,163	627,946	19.32	18.26	37.58	21.52	20..39	41.91

DEATHS REGISTERED IN THE DISTRICTS OF THE

Serial No.	District	Area in square miles	Average population per square mile	Number of deaths Male	Female
	Nagpur Division.				
1	Nagpur ..	3,834	245·19	17,729	16,132
2	Wardha ..	2,434	212·11	9,017	82,82
3	Chanda ..	9,312	81·58	12,339	11,140
4	Chhindwara ..	7,794	247·65	16,501	14,580
5	Betul ..	3,910	103.64	7,072	5,964
	Total ..	27,284	131·55	62,658	56,098
	Jubbulpore Division.				
6	Jubbulpore ..	3,912	197·80	17,000	15,741
7	Saugor ..	6,771	246·24	19,615	16,651
8	Mandla ..	5,057	88·15	7,293	6,711
9	Hoshangabad ..	5,671	254·20	15,856	13,790
10	Nimar ..	4,227	110·46	10,530	8,794
	Total ..	25,638	130·46	70,294	61,687
	Chhattisgarh Division.				
11	Raipur ..	8,694	157·20	21,635	19,223
12	Bilaspur ..	7,489	183·80	22,319	19,455
13	Drug ..	4,716	173·44	14,564	13,496
14	Bhandara ..	3,623	227·57	11,843	10,463
15	Balaghat ..	3,557	158·17	8,891	7,344
	Total ..	28,079	176·19	79,252	69,981
	Berar Division.				
16	Amraoti ..	4,691	200·72	14,574	13,293
17	Yeotmal ..	5,219	164·26	15,666	13,864
18	Akola ..	4,091	214·21	13,909	12,915
19	Buldana ..	3,766	203·55	11,368	10,665
	Total ..	17,767	193·72	55,517	50,737
	Total for the province ..	98,730	155·20	267,721	238,503

FORM No. II

CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940

registered	Ratio per 1,000 of population				
Total	Cholera	Smallpox	Plague	Fevers	Dysentery and diarrhoea
33,861	0.25	1.03	..	15.46	1.17
17,299	1.27	0.57	..	11.37	3.12
23,479	0.21	0.36	..	14.62	0.69
31,081	0.01	0.41	0.03	19.58	0.55
13,036	..	0.27	0.03	12.88	0.61
118,756	0.35	0.53	0.01	14.78	1.23
32,741	0.07	0.22	0.12	19.51	1.92
36,266	..	0.27	0.04	27.16	0.88
14,004	..	0.08	0.04	21.05	0.70
29,646	..	0.47	0.05	23.09	1.23
19,324	..	0.16	..	26.71	0.69
131,981	0.01	0.24	0.05	23.50	1.08
40,858	0.69	0.18	..	17.60	0.95
41,774	0.11	0.09	..	19.43	0.99
28,060	0.39	0.13	..	21.86	1.09
22,306	0.04	0.34	..	14.88	0.26
16,235	..	0.15	0.01	21.18	0.14
149,233	0.25	0.17	..	18.99	0.69
27,867	0.10	0.19	..	10.30	4.26
29,530	1.99	0.12	0.02	17.24	2.61
26,824	0.22	0.11	..	11.11	4.32
22,033	..	0.15	..	8.68	2.78
106,254	0.58	0.14	0.01	11.83	3.49
506,224	0.30	0.28	0.02	17.47	1.54

DEATHS REGISTERED IN THE DISTRICTS OF TH[E]

Serial No.	District		Ratio per 1,000 of population—*cont.*		
			Respiratory diseases	Injuries	All other causes
	Nagpur Division.				
1	Nagpur	..	3.53	0.40	11.40
2	Wardha	..	3.13	0.48	11.30
3	Chanda	..	0.81	0.48	10.43
4	Chhindwara	..	1.73	0.51	7.10
5	Betul	..	4.85	0.48	11.09
	Total	..	2.81	0.47	10.32
	Jubbulpore Division.				
6	Jubbulpore	..	11.45	0.52	3.78
7	Saugor	..	5.51	0.41	5.23
8	Mandla	..	0.97	0.47	4.50
9	Hoshangabad	..	1.11	0.34	8.71
10	Nimar	..	4.41	0.34	7.14
	Total	..	4.89	0.42	6.17
	Chhattisgarh Division.				
11	Raipur	..	0.91	0.34	6.14
12	Bilaspur	..	0.77	0.24	5.60
13	Drug	..	0.64	0.27	6.42
14	Bhandara	..	0.72	0.41	7.24
15	Balaghat	..	0.31	0.36	4.31
	Total	..	0.67	0.32	5.95
	Berar Division.				
16	Amraoti	..	3.02	0.34	9.67
17	Yeotmal	..	2.05	0.30	7.52
18	Akola	..	3.32	0.31	10.04
19	Buldana	..	4.16	0.24	10.53
	Total	..	3.14	0.30	10.81
	Total for the province	..	2.63	0.37	7.69

CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940—*cont.*

All causes			Mean ratio of deaths per 1,000 during the previous five years		
Male	Female	Total	Male	Female	Total
34.04	31.42	33.24	37.63	37.13	37.49
32.30	30.16	31.24	35.21	33.08	34.16
28.95	26.25	27.60	33.86	31.43	32.65
32.31	27.60	29.92	37.45	33.69	35.54
33.41	27.13	30.21	45.56	40.11	42.80
32.16	28.85	30.50	37.44	34.74	36.06
38.70	36.46	37.59	40.88	36.85	39.88
42.02	36.90	39.50	40.77	39.03	40.13
29.24	26.39	27.81	28.49	25.74	27.10
37.12	32.85	35.00	42.97	40.65	41.34
42.17	36.62	39.45	47.46	42.95	44.87
38.36	34.33	36.36	40.76	38.10	39.45
29.47	24.29	26.78	32.72	27.30	29.92
29.91	24.68	27.23	32.38	27.55	29.90
33.51	28.32	30.80	35.70	30.11	32.77
25.61	22.19	23.89	30.29	27.15	28.70
29.70	23.37	26.46	28.90	23.52	26.17
29.61	24.62	27.04	32.28	27.40	29.70
28.39	27.34	27.88	36.50	35.59	36.60
33.39	30.28	31.85	37.63	33.46	34.56
29.77	29.07	29.43	38.16	38.05	38.12
27.01	26.06	26.54	36.53	35.53	36.04
29.68	28.22	28.96	36.71	35.67	36.17
32.15	28.46	30.30	36.37	33.23	34.80

DEATHS REGISTERED IN THE DISTRICTS (RURAL CIRCLES) OF THE

Serial No.	Districts		January	February	March	April	May
	A.—RURAL DISTRICTS						
	Nagpur Division						
1	Nagpur	..	1,975	1,435	1,587	1,657	1,564
2	Wardha	..	1,249	1,034	1,109	1,201	1,022
3	Chanda	..	2,206	1,912	1,745	1,774	1,632
4	Chhindwara	..	2,756	2,532	2,917	2,819	2,689
5	Betul	..	1,348	1,275	1,227	1,189	1,058
	Total	..	9,534	8,188	8,585	8,640	7,965
	Jubbulpore Division						
6	Jubbulpore	..	2,424	1,994	2,273	2,311	2,285
7	Saugor	..	3,147	2,987	2,823	2,368	3,014
8	Mandla	..	1,091	1,029	1,313	1,331	1,165
9	Hoshangabad	..	2,422	2,096	2,357	2,377	2,448
10	Nimar	..	1,332	1,236	1,564	1,876	1,785
	Total	..	10,416	9,342	10,330	10,263	10,697
	Chhattisgarh Division						
11	Raipur	..	3,220	2,314	2,419	2,956	36,75
12	Bilaspur	..	3,477	2,678	2,912	3,213	37,96
13	Drug	..	2,179	1,552	1,559	1,832	2,838
14	Bhandara	..	2,152	1,583	1,325	1,644	1,740
15	Balaghat	..	1,407	1,164	1,237	1,710	1,761
	Total	..	12,435	9,291	9,452	11,355	13,810
	Berar Division						
16	Amraoti	..	1,705	1,568	1,802	1,574	1,518
17	Yeotmal	..	2,123	2,274	2,513	2,115	1,832
18	Akola	..	1,758	1,847	2,137	1,699	1,604
19	Buldana	..	1,480	1,434	1,547	1,617	1,650
	Total	..	7,066	7,123	7,999	7,005	6,604
	Total for Rural Circles	..	39,451	33,944	36,366	37,263	39,076
	Ratio per mille of population	..	2.66	2.29	2.45	2.51	2.63

CENTRAL PROVINCES AND BERAR DURING *EACH MONTH* OF THE YEAR 1949

June	July	August	September	October	November	December	Total deatht registered during the year
1,146	1,162	1,587	2,224	2,009	1,856	1,626	19,828
776	789	1,046	1,846	1,881	1,477	1,181	14,611
1,210	1,155	1,455	2,068	2,262	1,967	1,843	21,129
2,144	1,801	1,986	2,438	2,449	2,423	2,255	29,209
830	730	842	985	1,004	1,037	1,074	12,599
6,106	5,637	6,916	9,561	9,605	8,760	7,979	97,376
2,029	1,644	2,130	2,471	2,976	2,591	1,824	26,952
2,492	2,045	2,423	2,847	2,889	2,807	2,362	32,204
1,014	931	1,090	1,285	1,266	1,137	988	13,640
1,938	1,593	1,887	2,355	2,794	2,282	1,949	26,498
1,009	790	1,139	1,490	1,359	1,334	1,286	16,200
8,482	7,003	8,669	10,448	11,284	10,151	8,409	115,494
2,999	3,307	3,991	4,067	3,163	3,108	3,231	38,450
3,686	3,187	3,502	3,855	3,259	3,214	3,407	40,186
2,163	1,961	2,633	3,245	2,641	2,530	2,445	27,578
1,441	1,258	1,679	2,078	2,057	1,970	1,678	20,605
1,154	1,103	1,287	1,397	1,376	1,331	1,158	16,085
11,443	10,816	13,092	14,642	12,496	12,153	11,919	142,904
1,202	1,226	1,862	2,717	2,701	2,184	1,794	21,853
1,195	1,418	2,442	3,389	3,297	2,426	1,793	26,817
1,051	1,207	1,876	2,705	2,455	2,009	1,754	22,102
1,105	1,205	1,750	2,051	1,831	1,610	1,573	18,853
4,553	5,056	7,930	10,862	10,284	8,229	6,914	89,625
30,584	28,512	36,607	45,513	43,669	39,193	35,221	445,399
2·06	1·92	2·46	3·06	2·94	2·65	2·37	30.00

DEATHS REGISTERED IN THE TOWNS OF THE CENTRAL PROVINCES

Serial No.	Districts and towns		January	February	March	April	May
	B.—TOWNS						
	(1) Nagpur District						
1	Nagpur	..	1,035	966	1,048	906	964
2	Kamptee	..	160	115	81	43	53
3	Umrer	..	61	40	22	35	39
4	Katol	..	21	26	31	60	24
5	Ramtek	..	23	26	24	37	34
6	Khapa	..	5	14	15	19	35
7	Narkhed	..	10	25	22	18	25
8	Saoner	..	23	13	8	23	19
9	Kalmeshwar	..	12	7	7	6	16
10	Mowar	..	9	23	13	18	13
11	Kelod	..	13	9	11	12	17
12	Mohpa	..	22	15	25	30	11
	(2) Wardha District						
13	Wardha	..	66	39	48	52	74
14	Hinganghat	..	80	46	66	52	44
15	Arvi	..	40	27	41	51	41
16	Pulgaon	..	19	14	10	10	21
17	Deoli	..	14	9	5	9	8
18	Ashti	..	10	10	11	14	10
19	Sindi	..	11	16	10	16	4
	(3) Chanda District						
20	Chanda	..	88	67	86	87	84
21	Warora	..	27	27	23	31	26
22	Armori	..	32	29	13	15	25
23	Nawargaon	..	12	15	5	8	9
24	Brahmapuri	..	11	16	15	4	15
25	Chimur	..	14	9	15	15	13
26	Ballarpur	..	39	61	25	13	14
	(4) Chhindwara District						
27	Chhindwara	..	53	45	58	104	121
28	Pandhurna	..	36	18	29	29	42
29	Sausar	..	14	15	19	13	19
30	Seoni	..	50	31	47	52	45
	(5) Betul District						
31	Betul	..	23	35	31	38	31
32	Betul Bazar	..	8	8	17	11	13
	(6) Jubbulpore District						
33	Jubbulpore	..	348	349	398	375	480
34	Jubbulpore Cantonment	..	10	2	12	16	17
35	Murwara	..	66	37	59	65	64
36	Sihora	..	24	15	22	13	[illegible]

AND BERAR DURING *EACH MONTH* OF THE YEAR 1940—*cond.*

June	July	August	September	October	November	December	Total deaths registered during the year
592	692	900	942	887	881	861	10,674
27	45	49	49	46	38	39	745
36	32	46	49	65	46	41	512
39	22	35	26	37	36	25	382
19	29	57	30	23	22	22	356
23	14	34	36	23	18	12	248
5	11	13	27	18	15	20	209
12	20	30	25	21	17	20	231
10	14	12	18	16	10	9	137
4	10	12	7	23	13	18	163
17	11	16	26	15	12	12	171
10	12	19	24	12	19	6	205
41	40	73	84	85	113	40	755
29	41	108	140	66	64	59	795
26	36	41	46	51	48	54	502
16	8	22	21	23	22	12	198
5	8	7	32	18	15	11	141
6	6	22	16	24	13	13	155
8	12	11	9	16	20	9	142
44	50	79	123	121	89	63	981
19	25	27	30	39	21	23	318
15	10	17	19	13	10	23	221
2	5	10	13	22	13	9	123
12	6	8	19	13	14	6	139
4	8	22	13	13	18	23	167
9	6	77	23	18	8	8	301
68	65	57	37	38	45	32	723
32	36	39	52	29	42	47	431
13	8	17	11	16	14	7	166
21	36	57	59	67	42	45	552
19	17	14	27	20	22	28	305
8	14	7	9	13	10	14	132
383	329	422	430	368	453	305	4,640
8	13	15	16	12	18	7	146
50	49	55	92	89	61	55	742
21	13	16	31	26	22	39	261

DEATHS REGISTERED IN THE TOWNS OF THE CENTRAL PROVINCES

Serial No.	Districts and towns	January	February	March	April	May
	B.—TOWNS—*cont.*					
	(7) Saugor District					
37	Saugor	134	103	115	125	208
38	Sa gor Cantonment	29	17	21	53	31
39	Etawah	19	12	10	10	8
40	Khurai	19	29	18	15	30
41	Garhakota	27	33	21	19	20
42	Deori	15	16	10	37	14
43	Damoh	71	64	64	72	79
	(8) Mandla District					
44	Mandla	22	24	39	22	22
	(9) Hoshangabad District					
45	Hoshangabad	46	35	35	39	50
46	Harda	40	30	52	46	43
47	Sohagpur	43	38	26	18	6
48	Itarsi	43	26	46	14	32
49	Seoni-Malwa	21	11	25	20	24
50	Pachmarhi	9	4	14	27	18
51	Piparia	5	14	14	12	8
52	Narsinghpur	41	25	28	29	41
53	Gadarwara	23	9	15	58	53
54	Chhota-Chhindwara	30	27	39	10	20
55	Kareliganj	5	10	8	9	4
	(10) Nimar District					
56	Khandwa	117	130	130	151	149
57	Burhanpur	109	113	186	166	168
	(11) Raipur District					
58	Raipur	141	79	126	153	204
59	Dhamtari	19	25	23	30	28
60	Arang	12	11	13	17	19
61	Bhatapara	21	19	24	21	35
	(12) Bilaspur District					
62	Bilaspur	65	58	92	45	58
63	Mungeli	22	14	10	15	23
64	Champa	55	28	27	29	49
	(13) Drug District					
65	Drug	42	28	36	47	56

AND BERAR DURING *EACH MONTH* OF THE YEAR 1940—*cont.*

June	July	August	September	October	November	December	Total deaths registered during the year
143	220	191	181	201	115	121	1,857
34	35	27	24	23	27	18	339
13	21	15	38	12	14	23	195
17	32	24	34	34	27	26	305
30	20	13	32	25	26	18	284
24	15	28	8	23	12	17	219
65	78	88	78	75	72	57	863
22	33	33	44	42	31	30	364
40	35	39	43	49	49	42	502
32	23	42	44	52	42	36	482
11	13	22	20	25	21	12	255
15	29	27	30	37	38	35	372
15	15	13	17	20	21	15	217
12	3	9	16	11	7	5	135
6	7	3	7	7	7	4	94
37	10	35	34	17	24	19	340
37	29	25	25	18	29	11	332
10	8	6	14	16	12	11	203
8	..	7	5	154	5	1	216
78	77	94	182	117	128	93	1,446
117	118	159	153	134	132	123	1,678
128	112	167	150	148	132	103	1,643
25	28	32	28	22	30	25	315
16	13	16	10	19	14	20	180
21	27	23	25	20	21	13	270
47	59	55	65	49	57	63	713
38	44	31	24	21	16	21	279
41	256	28	24	16	16	27	596
31	23	35	54	46	42	42	482

DEATHS REGISTERED IN THE TOWNS OF THE CENTRAL PROVINCES

Serial No.	Districts and towns		January	February	March	April	May
	B.—TOWNS—*cont.*						
	(14) Bhandara District						
66	Bhandara	..	56	30	32	67	42
67	Gondia	..	39	46	52	46	54
68	Paoni	..	34	15	39	26	33
69	Tumsar	..	16	19	19	42	83
	(15) Balaghat District						
70	Balaghat	..	13	18	12	15	15
	(16) Amraoti District						
71	Amraoti	..	146	109	128	137	153
72	Amraoti Camp	..	31	27	36	12	21
73	Ellichpur	..	69	70	96	72	96
74	Badnera	..	38	27	31	26	24
75	Anjangaon	..	30	36	49	34	29
76	Dattapur	..	8	6	6	7	4
77	Paratwada (Ellichpur Camp)	..	25	26	28	30	40
78	Morsi	..	32	13	16	13	17
79	Warud	..	11	9	11	19	18
80	Karajgaon	..	22	15	25	11	11
81	Sirasgaon	..	18	18	17	17	15
82	Daryapur	..	21	17	13	17	24
83	Chandur Bazar	..	12	11	14	12	4
84	Pathrot	..	13	21	8	10	10
85	Chandur Railway	..	19	13	8	15	9
86	Sendurjana	..	19	18	11	12	13
	(17) Yeotmal District						
87	Yeotmal	..	45	49	68	57	56
88	Digras	..	26	14	18	13	18
89	Pusad	..	36	31	48	26	31
90	Darwha	..	17	22	21	19	14
91	Wun	..	55	29	27	41	46
92	Umarkhed	..	16	9	12	14	13
93	Panderkaora	..	45	21	17	19	21
94	Ghatanji	..	12	32	18	7	7
	(18) Akola District						
95	Akola	..	171	120	136	136	181
96	Akot	..	56	47	54	44	63
97	Karanja	..	53	40	34	28	31
98	Basim	..	37	31	47	40	44
99	Balapur	..	23	14	22	16	14
100	Murtizapur	..	30	15	27	19	22
101	Hiwarkhed	..	24	21	16	20	14
102	Patur	..	14	13	18	14	15
103	Wadegaon	..	15	14	16	20	15
104	Mangrul Pir	..	8	20	12	15	12
105	Barsi Takli	..	19	14	19	1	8

AND BERAR DURING *EACH MONTH* OF THE YEAR 1940—*cont.*

June	July	August	September	October	November	December	Total deaths registered during the year
43	55	42	48	53	43	30	521
32	24	45	44	35	38	41	496
18	22	26	40	27	25	26	331
36	18	22	24	30	26	18	353
16	10	10	10	11	9	11	150
109	105	165	170	179	170	122	1,693
23	24	34	45	44	24	26	347
36	53	75	86	99	83	86	921
17	23	32	46	36	34	29	363
23	40	40	42	53	48	54	478
3	6	8	13	5	6	6	78
22	27	35	30	26	18	19	321
8	15	9	19	26	13	14	195
8	8	14	19	29	36	37	219
6	24	17	16	33	19	15	214
15	26	21	33	18	30	27	255
15	14	33	56	27	29	21	287
12	6	17	20	22	16	14	161
10	3	..	18	4	7	15	127
8	14	14	25	20	21	15	181
10	10	12	23	17	14	10	169
52	53	92	98	79	83	69	801
9	12	34	25	26	15	13	223
17	20	15	24	41	17	18	324
6	20	19	36	26	20	28	248
20	26	36	77	66	29	25	477
7	18	21	29	21	13	13	186
10	13	26	41	26	26	18	283
4	4	9	28	22	14	14	171
92	139	176	164	165	149	135	1,764
34	30	44	54	51	45	49	571
18	26	66	65	67	54	45	527
37	48	41	48	39	37	30	479
10	17	25	25	37	20	19	242
26	24	38	37	29	28	29	324
4	13	23	10	7	20	21	193
9	8	15	13	16	12	15	162
10	15	4	20	7	8	10	154
14	4	15	25	9	13	17	164
4	5	22	17	11	12	10	142

DEATHS REGISTERED IN THE TOWNS OF THE CENTRAL PROVINCES

Serial No.	Districts and towns	January	February	March	April	May
	B.—TOWNS—*cont.*					
	(19) Buldana District					
106	Buldana ..	11	14	12	21	22
107	Khamgaon ..	69	50	59	60	81
108	Malkapur ..	69	30	44	31	47
109	Shegaon ..	46	39	41	34	30
110	Jalgaon ..	13	19	35	40	19
111	Nandura ..	20	16	26	42	40
112	Chikhli ..	26	17	17	30	17
113	Mehkar ..	9	10	8	17	12
114	Deolgaon Raja ..	15	8	9	24	10
	Total of towns ..	5,396	4,574	5,181	5,097	5,605
	Ratio per mille ..	2.90	2.46	2·79	2·75	3·02
	Total for the province ..	44,847	38,518	41,547	42,360	44,681
	Ratio per mille for the province	2.68	2.31	2·49	2·53	2·67

AND BERAR DURING *EACH MONTH* OF THE YEAR 1940—*cont.*

June	July	August	September	October	November	December	Total deaths registered during the year
13	18	22	24	16	20	14	207
34	52	95	72	62	49	74	757
33	35	66	67	42	40	34	538
20	46	77	43	58	48	62	544
12	8	37	26	24	20	20	273
23	31	37	42	30	31	15	353
22	19	25	24	22	10	11	240
11	7	16	8	11	7	7	123
6	11	17	9	14	13	9	145
3,794	4,365	5,517	5,998	5,637	5,053	4,508	60,725
2·04	2·34	2.97	3.23	3.03	2.72	2.43	32.64
34,378	32,877	42,124	51,511	49,306	44,346	39,729	506,224
2·06	1·97	2.52	3.08	2.95	2.65	2.37	30.30

DEATHS REGISTERED ACCORDING TO AGE IN THE DISTRICTS (RURAL

		Under one					
		Not exceeding one					
		Male			Female		
Serial No.	Districts	Under one week	Over one week	Total	Under one week	Over one week	Total
	A.—RURAL DISTRICTS						
	Nagpur Division						
1	Nagpur ..	1,229	669	1,898	956	548	1,504
2	Wardha ..	850	500	1,350	658	386	1,044
3	Chanda ..	1,344	717	2,061	1,098	676	1,774
4	Chhindwara ..	989	806	1,795	818	706	1,524
5	Betul ..	622	469	1,091	489	383	872
	Jubbulpore Division						
6	Jubbulpore ..	1,013	738	1,751	978	583	1,561
7	Saugor ..	1,314	735	2,049	1,061	640	1,701
8	Mandla ..	292	258	550	268	260	528
9	Hoshangabad ..	1,274	908	2,182	1,106	777	1,883
10	Nimar ..	537	542	1,079	395	403	798
	Chhattisgarh Division						
11	Raipur ..	843	1,730	2,573	618	1,399	2,017
12	Bilaspur ..	627	1,796	2,423	541	1,474	2,015
13	Drug ..	523	1,305	1,833	419	1,106	1,525
14	Bhandara ..	1,426	854	2,280	1,069	709	1,778
15	Balaghat ..	758	414	1,172	571	293	864
	Berar Division						
16	Amraoti ..	1,242	661	1,903	872	511	1,383
17	Yeotmal ..	985	833	1,818	719	626	1,345
18	Akola ..	1,089	516	1,605	779	457	1,236
19	Buldana ..	734	543	1,277	539	455	994
	Total for rural areas	17,696	14,994	32,690	13,954	12,392	26,346
	Ratio per 1,000 living						Information

FORM No. IV

CIRCLES) OF THE CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940

year

month

Total	Over one month and not exceeding six months			Over six months and not exceeding twelve months		
	Male	Female	Total	Male	Female	Total
3,402	807	714	1,521	666	570	1,236
2,394	536	455	991	350	341	691
3,835	729	682	1,411	429	444	873
3,319	1,393	1,085	2,478	805	697	1,502
1,963	564	454	1,018	371	305	676
3,312	1,356	1,228	2,584	1,085	1,020	2,105
3,750	1,438	1,224	2,662	904	836	1,740
1,078	637	604	1,241	422	466	888
4,065	1,230	1,052	2,282	845	721	1,566
1,877	1,027	745	1,772	852	653	1,505
4,590	1,677	1,444	3,121	1,387	1,309	2,696
4,438	2,015	1,757	3,772	1,503	1,316	2,819
3,358	1,355	1,038	2,443	1,218	1,125	2,343
4,058	833	738	1,571	663	585	1,248
2,036	708	532	1,240	441	376	817
3,286	952	816	1,768	647	592	1,239
3,163	868	741	1,609	603	529	1,132
2,841	946	779	1,725	690	567	1,257
2,271	861	718	1,579	720	625	1,345
59,036	19,932	16,856	36,788	14,601	13,077	27,678

not available.

DEATHS REGISTERED ACCORDING TO AGE IN THE DISTRICTS (RURAL CIRCLES)

Serial No.	Districts	Under one year—*cont.* Total: Male	Female	Total	One year and under five years: Male	Female
	A.—RURAL DISTRICTS —*cont.*					
	Nagpur Division					
1	Nagpur ..	3,371	2,788	6,159	1,827	1,710
2	Wardha ..	2,236	1,840	4,076	1,294	1,201
3	Chanda ..	3,219	2,900	6,119	2,019	1,658
4	Chhindwara ..	3,993	3,306	7,299	2,642	2,312
5	Betul ..	2,026	1,631	3,657	1,386	1,115
	Jubbulpore Division					
6	Jubbulpore ..	4,192	3,809	8,001	3,195	3,029
7	Saugor ..	4,391	3,761	8,152	3,322	2,939
8	Mandla ..	1,609	1,598	3,207	1,468	1,285
9	Hoshangabad ..	4,257	3,656	7,913	2,491	2,183
10	Nimar ..	2,958	2,196	5,154	2,172	1,740
	Chhattisgarh Division					
11	Raipur ..	5,637	4,770	10,407	3,944	3,405
12	Bilaspur ..	5,941	5,088	11,029	4,316	3,593
13	Drug ..	4,406	3,738	8,144	3,225	2,957
14	Bhandara ..	3,776	3,101	6,877	1,514	1,297
15	Balaghat ..	2,321	1,772	4,093	1,274	968
	Berar Divison					
16	Amraoti ..	3,502	2,791	6,293	2,292	1,918
17	Yeotmal ..	3,289	2,615	5,904	2,520	2,210
18	Akola ..	3,241	2,582	5,823	2,201	1,931
19	Buldana ..	2,858	2,337	5,195	1,842	1,727
	Total for rural areas ..	67,223	56,279	123,502	44,944	39,178
	Ratio per 1,000 living ..					Information

OF THE CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940—*cont.*

5 years and under 10 years		10 years and under 15 years		15 years and under 20 years		20 years and under 30 years	
Male	Female	Male	Female	Male	Female	Male	Female
519	503	261	246	213	228	501	681
408	377	154	176	167	219	388	550
489	439	253	197	238	238	644	771
746	629	404	323	351	321	1,014	1,143
286	228	127	130	146	134	452	486
789	595	374	299	321	299	914	911
950	734	431	384	562	463	1,557	1,243
368	300	229	152	189	209	469	508
742	588	444	380	542	465	1,061	966
479	379	211	170	198	230	517	628
983	726	516	360	520	456	1,338	1,452
1,202	999	717	536	788	706	1,498	1,487
609	565	353	262	303	300	750	785
438	358	270	231	235	221	636	794
431	285	210	179	282	201	691	675
451	418	249	242	235	320	507	842
936	849	489	403	373	423	841	1,048
535	527	219	230	219	340	639	895
494	459	221	243	202	299	483	778
11,855	9,958	6,132	5,143	6,084	6,072	14,900	16,643

not available.

DEATHS REGISTERED ACCORDING TO AGE IN THE DISTRICTS (RURAL CIRCLES)

Serial No.	Districts		30 years and under 40 years		40 years and under 50 years	
			Male	Female	Male	Female
	A.—RURAL DISTRICTS —*cont.*					
	Nagpur Division					
1	Nagpur	..	620	500	579	420
2	Wardha	..	454	396	452	367
3	Chanda	..	717	643	734	551
4	Chhindwara	..	1,282	1,086	1,378	952
5	Betul	..	490	403	524	377
	Jubbulpore Division					
6	Jubbulpore	..	1,033	797	1,037	787
7	Saugor	..	1,594	1,261	1,522	1,058
8	Mandla	..	562	477	610	495
9	Hoshangabad	..	1,080	848	1,107	798
10	Nimar	..	560	453	528	364
	Chhattisgarh Division					
11	Raipur	..	1,467	1,174	1,483	1,039
12	Bilaspur	..	1,440	1,276	1,478	1,117
13	Drug	..	815	722	978	676
14	Bhandara	..	678	619	663	440
15	Balaghat	..	741	571	708	445
	Berar Division					
16	Amraoti	..	573	628	638	551
17	Yeotmal	..	1,011	862	1,066	824
18	Akola	..	744	733	795	658
19	Buldana	..	598	547	662	492
	Total for rural areas	..	16,459	13,996	16,942	12,411
	Ratio per 1,000 living	..				Information

[OF] THE CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940—*cont.*

50 years and under 60 years		60 years and upwards		Total of all ages	
Male	Female	Male	Female	Male	Female
734	552	1,824	1,751	10,449	9,379
528	461	1,553	1,390	7,634	6,977
802	662	2,049	2,006	11,164	10,065
1,375	1,094	2,357	2,501	15,542	13,667
517	430	874	837	6,828	5,771
978	913	1,246	1,434	14,079	12,873
1,478	1,146	1,752	1,656	17,559	14,645
636	497	954	1,025	7,094	6,546
1,100	954	1,401	1,435	14,225	12,273
456	350	865	746	8,944	7,256
1,521	1,295	2,960	3,404	20,369	18,081
1,503	1,308	2,565	2,628	21,448	18,738
926	766	1,938	2,504	14,303	13,275
734	570	2,004	2,026	10,948	9,657
683	489	1,472	1,687	8,813	7,272
815	621	2,229	2,031	11,491	10,362
1,143	991	2,557	2,367	14,225	12,592
884	739	2,046	1,944	11,523	10,579
705	583	1,682	1,944	9,747	9,106
17,518	14,421	34,328	35,013	236,013	209,114

[no]t available.

DEATHS REGISTERED ACCORDING TO AGE IN THE TOWNS

Serial No.	Districts and towns	Under — Not exceeding — Male: Under one week	Over one week	Total	Female: Under one week	Over one week	Total
	B.—TOWNS						
	(1) Nagpur District						
1	Nagpur	626	220	846	421	177	598
2	Kamptee	21	23	44	13	15	28
3	Umrer	37	18	55	32	13	45
4	Katol	25	7	32	14	8	22
5	Ramtek	27	9	36	26	9	35
6	Khapa	21	7	28	17	6	23
7	Narkhed	13	6	19	6	5	11
8	Saoner	13	3	16	5	3	8
9	Kalmeshwar	10	3	13	6	3	9
10	Mowar	11	8	19	7	7	14
11	Kelod	8	4	12	13	4	17
12	Mohpa	10	4	14	8	9	17
	(2) Wardha District						
13	Wardha	48	18	66	20	13	33
14	Hinganghat	42	19	61	39	10	49
15	Arvi	37	12	49	26	13	39
16	Pulgaon	19	6	25	10	5	15
17	Deoli	14	6	20	5	4	9
18	Ashti	10	8	18	4	4	8
19	Sindi	12	5	17	8	2	10
	(3) Chanda District						
20	Chanda	86	17	103	54	12	66
21	Warora	10	6	16	18	3	21
22	Armori	13	8	21	10	7	17
23	Nawargaon	5	5	10	3	4	7
24	Brahmapuri	14	3	17	12	4	16
25	Chimur	6	5	11	10	6	16
26	Ballarpur	5	6	11	8	3	11
	(4) Chhindwara District						
27	Chhindwara	30	13	43	25	11	36
28	Pandhurna	34	7	41	17	8	25
29	Sausar	16	5	21	10	6	16
30	Seoni	23	7	30	12	15	27
	(5) Betul District						
31	Betul	7	12	19	9	4	13
32	Betul Bazar	10	1	11	6	4	10

…e year						
…e month	Over one month and not exceeding six months			Over six months and not exceeding twelve months		
Total	Male	Female	Total	Male	Female	Total
1,444	637	563	1,200	431	368	799
72	46	39	85	30	36	66
100	22	20	42	27	20	47
54	25	13	38	19	19	38
71	14	21	35	14	14	28
51	12	14	26	7	10	17
30	7	11	18	9	3	12
24	9	5	14	15	12	27
22	4	..	4	7	8	15
33	13	2	15	8	3	11
29	5	4	9	7	10	17
31	7	10	17	6	4	10
99	29	29	58	29	24	53
110	18	23	41	31	33	64
88	17	18	35	15	7	22
40	8	8	16	11	5	16
29	6	4	10	4	1	5
26	9	3	12	3	6	9
27	3	3	6	4	3	7
169	29	35	64	30	23	53
37	14	6	20	10	7	17
38	8	6	14	7	6	13
17	3	6	9	..	3	3
33	7	6	13	2	5	7
27	8	6	14	6	3	9
22	12	10	22	7	8	15
79	37	28	65	41	47	88
66	14	13	27	15	21	36
37	7	5	12	3	6	9
57	33	21	54	27	18	45
32	17	9	26	12	20	32
21	3	1	4	7	7	14

DEATHS REGISTERED ACCORDING TO AGE IN THE TOWN[S]

Serial No.	Districts and towns	Under one year—*cont.* Total			One year and und[er] 5 years	
		Male	Female	Total	Male	Female
	B.—TOWNS—*cont.*					
	(1) Nagpur District					
1	Nagpur ..	1,914	1,529	3,443	1,196	1,145
2	Kamptee ..	120	103	223	125	97
3	Umrer ..	104	85	189	41	58
4	Katol ..	76	54	130	44	31
5	Ramtek ..	64	70	134	35	29
6	Khapa ..	47	47	94	14	27
7	Narkhed ..	35	25	60	15	18
8	Saoner ..	40	25	65	13	27
9	Kalmeshwar ..	24	17	41	11	11
10	Mowar ..	40	19	59	16	13
11	Kelod ..	24	31	55	16	12
12	Mohpa ..	27	31	58	17	15
	(2) Wardha District					
13	Wardha ..	124	86	210	68	54
14	Hinganghat ..	110	105	215	69	50
15	Arvi ..	81	64	145	50	55
16	Pulgaon ..	44	28	72	19	24
17	Deoli ..	30	14	44	9	6
18	Ashti ..	30	17	47	10	10
19	Sindi ..	24	16	40	9	7
	(3) Chanda District					
20	Chanda ..	162	124	286	68	60
21	Warora ..	40	34	74	32	26
22	Armori ..	36	29	65	18	10
23	Nawargaon ..	13	16	29	7	5
24	Brahmapuri ..	26	27	53	9	13
25	Chimur ..	25	25	50	10	11
26	Ballarpur ..	30	29	59	36	35
	(4) Chhindwara District					
27	Chhindwara ..	121	111	232	73	89
28	Pandhurna ..	70	59	129	39	38
29	Sausar ..	31	27	58	16	18
30	Seoni ..	90	66	156	41	37
	(5) Betul District					
31	Betul ..	48	42	90	20	23
32	Betul Bazar ..	21	18	39	15	3

OF THE CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940—*cont.*

5 years and under 10 years		10 years and under 15 years		15 years and under 20 years		20 years and under 30 years	
Male	Female	Male	Female	Male	Female	Male	Female
214	219	91	119	166	276	285	521
10	18	6	9	10	17	14	32
3	7	5	3	6	6	10	18
9	5	6	7	8	8	7	10
7	2	3	3	8	6	17	7
10	11	2	2	4	8	10	5
4	6	2	1	4	5	5	7
2	3	2	6	11	7	6	11
4	4	5	1	3	4	5	4
5	1	3	3	..	4	3	8
8	5	..	2	4	1	3	4
4	..	3	3	..	4	7	7
11	14	5	8	11	26	27	43
28	24	9	13	10	15	22	36
7	15	4	7	3	4	13	23
4	3	2	4	1	4	6	9
..	4	1	..	2	3	4	10
1	2	2	3	2	3	6	10
1	2	1	..	3	2	4	10
22	21	9	11	13	19	35	39
6	3	3	5	1	13	2	15
3	2	1	3	3	7	9	5
6	5	1	3	1	1	4	4
..	3	1	1	2	1	2	2
..	1	7	1	8	6	4	5
19	13	7	2	6	7	16	15
18	31	8	7	8	15	22	33
9	8	7	8	1	2	11	18
8	11	4	6	2	2	8	14
13	7	8	13	8	6	21	30
1	6	7	4	4	2	8	21
3	3	..	2	..	1	7	3

DEATHS REGISTERED ACCORDING TO AGE IN THE TOW

Serial No.	Districts and towns	30 years and under 40 years — Male	30 years and under 40 years — Female	40 years and under 50 years — Male	40 years and under 50 years — Female
	B.—TOWNS—*cont.*				
	(1) Nagpur District				
1	Nagpur ..	334	294	324	[illegible]
2	Kamptee ..	16	18	8	[illegible]
3	Umrer ..	17	7	16	[illegible]
4	Katol ..	11	9	11	[illegible]
5	Ramtek ..	16	8	15	[illegible]
6	Khapa ..	8	7	5	[illegible]
7	Narkhed ..	7	8	4	[illegible]
8	Saoner ..	5	5	2	[illegible]
9	Kalmeshwar ..	6	2	2	[illegible]
10	Mowar ..	2	4	3	[illegible]
11	Kelod ..	1	5	5	[illegible]
12	Mohpa ..	9	7	8	[illegible]
	(2) Wardha District				
13	Wardha ..	33	31	22	[illegible]
14	Hinganghat ..	29	27	19	[illegible]
15	Arvi ..	17	13	11	[illegible]
16	Pulgaon ..	6	3	3	[illegible]
17	Deoli ..	8	4	3	[illegible]
18	Ashti ..	5	3	8	[illegible]
19	Sindi ..	4	7	4	[illegible]
	(3) Chanda District				
20	Chanda ..	36	28	35	[illegible]
21	Warora ..	7	11	20	[illegible]
22	Armori ..	8	5	14	[illegible]
23	Nawargaon ..	4	8	7	[illegible]
24	Brahmapuri ..	1	5	9	[illegible]
25	Chimur ..	4	4	8	[illegible]
26	Ballarpur ..	11	12	8	[illegible]
	(4) Chhindwara District				
27	Chhindwara ..	20	19	22	[illegible]
28	Pandhurna ..	7	10	13	[illegible]
29	Sausar ..	3	5	8	[illegible]
30	Seoni ..	17	22	29	[illegible]
	(5) Betul District				
31	Betul ..	14	12	15	[illegible]
32	Betul Bazar ..	1	1	10	[illegible]

OF THE CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940—*cont.*

50 years and under 60 years		60 years and upwards		Total of all ages	
Male	Female	Male	Female	Male	Female
338	209	670	661	5,532	5,142
14	13	48	57	371	374
21	20	41	40	264	248
7	6	39	26	218	164
13	6	18	28	196	160
7	5	12	10	119	129
9	6	21	23	106	103
6	8	23	26	110	121
5	1	11	12	76	61
8	4	12	12	92	71
6	4	17	22	84	87
11	6	26	19	112	93
23	15	59	79	383	372
30	21	78	83	404	391
18	16	49	45	253	249
8	3	12	12	105	93
5	4	23	9	85	56
2	9	11	20	77	78
6	1	20	20	76	66
34	20	95	104	509	472
7	9	43	33	161	157
11	5	27	22	130	91
7	4	7	13	59	64
6	4	11	16	66	73
7	9	13	16	86	81
8	5	24	15	164	137
20	23	36	34	348	375
19	4	38	26	238	193
7	2	19	19	87	79
26	14	38	46	286	266
16	8	25	23	158	147
9	3	20	11	86	46

DEATHS REGISTERED ACCORDING TO AGE IN THE TOWNS

Serial No.	Districts and towns	Under — Not exceeding one — Male — Under one week	Over one week	Total	Female — Under one week	Over one week	Total
	B.—TOWNS—*cont.*						
	(6) Jubbulpore District						
33	Jubbulpore	233	109	342	222	86	308
34	Jubbulpore Cantonment	7	3	10	8	..	8
35	Murwara	21	18	39	22	23	45
36	Sehora	13	12	25	9	2	11
	(7) Saugor District						
37	Saugor	88	45	133	85	41	126
38	Saugor Cantonment	13	6	19	4	4	8
39	Etawah	4	1	5	5	2	7
40	Khurai	7	4	11	5	2	7
41	Garhakota	10	2	12	5	7	12
42	Deori	7	4	11	17	4	21
43	Damoh	33	29	62	22	21	43
	(8) Mandla District						
44	Mandla	15	8	23	16	3	19
	(9) Hoshangabad District						
45	Hoshangabad	37	13	50	24	13	37
46	Harda	38	15	53	19	13	32
47	Sohagpur	15	9	24	13	7	20
48	Itarsi	24	15	39	11	12	23
49	Seoni-Malwa	12	6	18	8	12	20
50	Pachmarhi	13	4	17	7	3	10
51	Piparia	5	7	12	..	1	1
52	Narsinghpur	10	7	17	8	7	15
53	Gadarwara	17	14	31	11	14	25
54	Chhota-Chhindwara	8	5	13	7	11	18
55	Kareliganj	18	3	21	6	3	9
	(10) Nimar District						
56	Khandwa	63	23	86	45	21	66
57	Burhanpur	78	38	116	62	38	100
	(11) Raipur District						
58	Raipur	43	40	83	55	32	87
59	Dhamtari	11	14	25	1	9	10
60	Arang	4	6	10	1	6	7
61	Bhatapara	5	14	19	1	6	7

one year						
month	Over one month and not exceeding six months			Over six months and not exceeding twelve months		
Total	Male	Female	Total	Male	Female	Total
650	218	211	429	252	235	487
18	5	5	10	7	5	12
84	28	32	60	37	47	84
36	15	15	30	11	16	27
259	102	64	166	97	77	174
27	22	14	36	19	20	39
12	16	13	29	6	10	16
18	23	12	35	9	12	21
24	18	14	32	12	13	25
32	11	11	22	4	2	6
105	48	42	90	68	51	119
42	19	16	35	14	18	32
87	28	23	51	12	4	16
85	25	19	44	10	16	26
44	6	11	17	3	7	10
62	17	15	32	10	11	21
38	12	9	21	5	3	8
27	4	1	5	1	2	3
13	3	6	9	2	1	3
32	26	22	48	10	9	19
56	18	16	34	18	8	26
31	7	9	16	3	2	5
30	11	9	20	3	16	19
152	75	60	135	74	63	137
216	77	79	156	74	69	143
170	59	70	129	80	85	165
35	22	11	33	13	18	31
17	18	2	20	13	3	16
26	19	13	32	15	10	25

DEATHS REGISTERED ACCORDING TO AGE IN THE TOWNS

Serial No.	Districts and towns	Under one year—*cont.* Total			One year and under 5 years	
		Male	Female	Total	Male	Female
	B.—TOWNS—*cont.*					
	(6) Jubbulpore District					
33	Jubbulpore ..	812	754	1,566	540	524
34	Jubbulpore Cantonment ..	21	19	40	13	19
35	Murwara ..	104	124	228	75	76
36	Sehora ..	51	40	91	35	14
	(7) Saugor District					
37	Saugor ..	332	267	599	210	231
38	Saugor Cantonment ..	60	42	102	36	41
39	Etawah ..	27	30	57	35	32
40	Khurai ..	43	31	74	47	30
41	Garhakota ..	42	39	81	20	30
42	Deori ..	26	34	60	29	18
43	Damoh ..	178	136	314	77	82
	(8) Mandla District					
44	Mandla ..	56	53	109	42	24
	(9) Hoshangabad District					
45	Hoshangabad ..	90	64	154	33	36
46	Harda ..	88	67	155	37	29
47	Sohagpur ..	33	38	71	26	25
48	Itarsi ..	65	50	115	29	36
49	Seoni-Malwa ..	35	32	67	15	11
50	Pachmarhi ..	22	13	35	17	17
51	Piparia ..	17	8	25	15	13
52	Narsinghpur ..	53	46	99	25	40
53	Gadarwara ..	67	49	116	42	34
54	Chhota-Chhindwara ..	24	28	52	18	15
55	Kareliganj ..	35	34	69	13	12
	(10) Nimar District					
56	Khandwa ..	235	189	424	180	129
57	Burhanpur ..	267	248	515	157	164
	(11) Raipur District					
58	Raipur ..	222	242	464	188	147
59	Dhamtari ..	60	39	99	18	18
60	Arang ..	41	12	53	18	18
61	Bhatapara ..	53	30	83	24	32

OF THE CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940—*cont.*

5 years and under 10 years		10 years and under 15 years		15 years and under 20 years		20 years and under 30 years	
Male	Female	Male	Female	Male	Female	Male	Female
74	104	57	43	58	102	157	252
4	5	..	..	1	3	5	8
17	23	9	9	8	9	25	27
5	8	3	..	5	1	4	8
31	37	30	27	30	48	62	88
5	5	8	4	4	13	10	19
2	5	1	5	1	2	8	9
15	9	5	3	1	1	5	7
12	9	4	7	6	4	16	16
6	5	..	6	4	5	8	11
20	21	7	15	13	14	26	45
4	6	5	5	7	7	17	16
9	15	6	10	12	11	18	20
10	9	7	12	9	15	15	26
5	10	4	9	3	6	12	9
7	11	9	12	9	10	17	20
2	7	5	2	4	4	12	10
2	8	3	5	..	2	1	8
1	3	1	3	..	1	3	4
6	6	3	9	4	5	12	9
5	6	3	2	1	6	9	10
8	11	6	3	5	4	3	13
8	9	4	8	8	4	17	10
25	21	11	17	17	40	65	99
31	28	22	17	14	44	39	83
51	33	32	26	31	38	48	83
6	4	4	5	5	10	15	10
4	2	5	2	1	4	8	7
4	8	3	2	3	7	11	16

DEATHS REGISTERED ACCORDING TO AGE IN THE TOWNS

Serial No.	Districts and towns	30 years and under 40 years — Male	30 years and under 40 years — Female	40 years and under 50 years — Male	40 years and under 50 years — Female
	B.—TOWNS—*cont.*				
	(6) Jubbulpore District				
33	Jubbulpore ..	153	140	111	68
34	Jubbulpore Cantonment ..	4	7	6	4
35	Murwara ..	22	28	35	18
36	Sehora ..	12	11	15	8
	(7) Saugor District				
37	Saugor ..	43	46	53	35
38	Saugor Cantonment ..	10	7	12	5
39	Etawah ..	5	7	6	5
40	Khurai ..	13	17	6	10
41	Garhakota ..	7	11	13	3
42	Deori ..	4	8	5	8
43	Damoh ..	31	25	33	19
	(8) Mandla District				
44	Mandla ..	9	10	17	6
	(9) Hoshangabad District				
45	Hoshangabad ..	14	19	21	5
46	Harda ..	16	8	21	14
47	Sohagpur ..	7	3	9	3
48	Itarsi ..	15	13	18	6
49	Seoni-Malwa ..	6	7	7	12
50	Pachmarhi ..	4	1	3	4
51	Piparia ..	6	..	2	3
52	Narsinghpur ..	14	6	18	8
53	Gadarwara ..	7	10	8	11
54	Chhota-Chhindwara ..	5	5	7	7
55	Kareliganj ..	10	9	8	3
	(10) Nimar District				
56	Khandwa ..	65	46	27	32
57	Burhanpur ..	54	49	54	30
	(11) Raipur District				
58	Raipur ..	46	32	52	25
59	Dhamtari ..	17	8	17	9
60	Arang ..	4	8	4	6
61	Bhatapara ..	6	9	6	2

OF THE CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940—*cont.*

50 years and under 60 years		60 years and upwards		Total of all ages	
Male	Female	Male	Female	Male	Female
114	65	260	262	2,336	2,304
4	2	15	7	73	73
25	15	41	52	361	381
7	5	14	14	151	110
33	35	109	110	933	924
9	5	17	27	171	168
4	..	7	4	96	99
10	5	23	24	168	137
5	5	17	18	142	142
11	5	7	19	100	119
25	15	36	45	446	417
16	13	26	25	199	165
19	11	49	40	271	231
17	13	33	36	253	229
8	5	18	22	125	130
13	10	11	11	193	179
6	13	14	13	106	111
7	4	5	8	65	70
5	..	7	2	57	37
19	10	18	28	173	167
11	14	20	17	173	159
10	5	14	12	100	103
6	5	6	7	115	101
42	30	99	77	766	680
50	36	132	159	820	858
59	50	118	117	851	792
6	4	23	36	173	142
5	4	14	12	104	76
12	..	15	26	138	132

DEATHS REGISTERED ACCORDING TO AGE IN THE TOWNS

Serial No.	Districts and towns	Under Not exceeding one Male Under one week	Male Over one week	Male Total	Female Under one week	Female Over one week	Total
	B.—TOWNS—*cont.*						
	(12) Bilaspur District						
62	Bilaspur ..	26	32	58	19	24	43
63	Mungeli ..	10	11	21	2	6	8
64	Champa ..	14	22	36	5	19	24
	(13) Drug District						
65	Drug ..	16	20	36	15	17	32
	(14) Bhandara District						
66	Bhandara ..	29	13	42	24	7	31
67	Gondia ..	22	12	34	24	9	33
68	Paoni ..	14	16	30	18	19	37
69	Tumsar ..	27	8	35	21	4	25
	(15) Balaghat District						
70	Balaghat ..	3	4	7	3	6	9
	(16) Amraoti District						
71	Amraoti City ..	54	28	82	67	38	105
72	Amraoti Camp ..	9	5	14	3	4	7
73	Ellichpur ..	29	24	53	34	13	47
74	Badnera ..	22	12	34	7	8	15
75	Anjangaon ..	30	14	44	19	4	23
76	Dattapur ..	6	2	8	4	1	5
77	Paratwada (Ellichpur Camp) ..	20	6	26	10	7	17
78	Morsi ..	6	6	12	3	3	6
79	Warud ..	11	4	15	6	1	7
80	Karajgaon ..	7	5	12	3	7	10
81	Sirasgaon ..	4	11	15	7	3	10
82	Daryapur ..	15	4	19	8	5	13
83	Chandur Bazar ..	6	6	12	3	4	7
84	Pathrot ..	4	4	8	4	4	8
85	Chandur Railway ..	5	3	8	3	1	4
86	Sendurjana ..	10	3	13	8	2	10
	(17) Yeotmal District						
87	Yeotmal ..	30	27	57	18	18	36
88	Digras ..	7	10	17	8	3	11
89	Pusad ..	10	5	15	4	7	11
90	Darwha ..	23	6	29	4	9	13
91	Wun ..	21	18	39	7	13	20
82	Umarkhed ..	11	3	14	4	6	10
93	Pandharkaoda ..	17	10	27	10	7	17
94	Ghatanji ..	3	2	5	1	..	1

OF THE CENTRAL FROVINCES AND BERAR DURING THE YEAR 1940—*cont.*

ıne year

month

Total	Over one month and not exceeding six months			Over six months and not exceeding twelve months		
	Male	Female	Total	Male	Female	Total
101	36	33	69	20	17	37
29	15	19	34	13	10	23
60	31	19	50	30	25	55
68	20	20	40	45	35	80
73	27	20	47	17	22	39
67	26	17	43	32	16	48
67	16	6	22	13	13	26
60	15	15	30	13	17	30
16	7	4	11	6	3	9
187	88	72	160	96	61	157
21	11	8	19	4	4	8
100	45	41	86	29	38	67
49	25	12	37	12	14	26
67	18	23	41	16	15	31
13	4	2	6	2	1	3
43	27	13	40	14	9	23
18	6	2	8	7	1	8
22	13	15	28	14	13	27
22	10	11	21	3	6	9
25	11	18	29	4	11	15
32	22	18	40	5	10	15
19	5	15	20	3	5	8
16	7	4	11	2	..	2
12	10	16	26	5	5	10
23	5	10	15	6	4	10
93	30	31	61	30	22	52
28	12	5	17	12	10	22
26	17	12	29	10	13	23
42	13	8	21	9	10	19
59	17	17	34	18	16	34
24	6	1	7	9	6	15
44	9	12	21	4	12	16
6	3	4	7	1	4	5

Serial No.	Districts and towns	Under one year—*cont.* Total Male	Female	Total	One year and under 5 years Male	Female
	B.—TOWNS—*cont.*					
	(12) Bilaspur District					
62	Bilaspur ..	114	93	207	53	40
63	Mungeli ..	49	37	86	25	25
64	Champa ..	97	68	165	61	50
	(13) Drug District					
65	Drug ..	101	87	188	52	53
	(14) Bhandara District					
66	Bhandara ..	85	73	158	43	35
67	Gondia ..	92	66	158	43	39
68	Paoni ..	59	56	115	20	29
69	Tumsar ..	63	55	118	32	38
	(15) Balaghat District					
70	Balaghat ..	20	16	36	5	12
	(16) Amraoti District					
71	Amraoti City ..	266	238	504	179	179
72	Amraoti Camp ..	29	19	48	30	18
73	Ellichpur ..	127	126	253	79	81
74	Badnera ..	71	41	112	39	24
75	Anjangaon ..	78	61	139	36	32
76	Dattapur ..	14	8	22	11	4
77	Paratwada (Ellichpur Camp) ..	67	39	106	23	27
78	Morsi ..	25	9	34	15	8
79	Warud ..	42	35	77	22	27
80	Karajgaon ..	25	27	52	30	22
81	Sirasgaon ..	30	39	69	24	36
82	Daryapur ..	46	41	87	22	30
83	Chandur Bazar ..	20	27	47	10	16
84	Pathrot ..	17	12	29	7	15
85	Chandur Railway ..	23	25	48	21	12
86	Sendurjana ..	24	24	48	27	8
	(17) Yeotmal District					
87	Yeotmal ..	117	89	206	61	62
88	Digras ..	41	26	67	20	12
89	Pusad ..	42	36	78	35	38
90	Darwha ..	51	31	82	19	17
91	Wun ..	74	53	127	44	51
92	Umarkhed ..	29	17	46	13	22
93	Pandharkaoda ..	40	41	81	19	22
94	Ghatanji ..	9	9	18	19	15

OF THE CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940—*cont.*

5 years and under 10 years		10 years and under 15 years		15 years and under 20 years		20 years and under 30 years	
Male	Female	Male	Female	Male	Female	Male	Female
23	9	10	13	14	9	34	40
10	10	8	4	4	5	7	9
16	10	9	5	6	11	22	17
9	5	7	3	3	5	11	14
8	8	12	5	9	9	15	33
11	13	6	1	7	13	21	17
10	14	2	4	4	..	9	11
14	7	9	3	5	5	9	20
3	6	4	6	4	6	8	3
25	38	14	25	13	45	49	103
11	9	5	5	4	6	26	11
26	23	12	12	10	22	17	53
11	13	6	1	4	5	7	14
5	12	7	8	9	11	16	23
2	1	1	2	..	3	1	3
5	8	5	9	6	5	7	14
8	5	5	2	8	5	8	6
8	3	1	..	1	5	3	7
2	5	4	2	1	1	3	11
1	9	1	1	1	2	6	12
3	2	2	6	..	5	13	15
4	2	1	3		5	2	9
2	2	1	1	3	3	8	6
3	5	1	2	1	4	5	7
3	2	1	1	..	2	4	6
22	14	5	9	8	14	26	43
6	5	2	2	3	4	3	12
7	8	4	9	2	7	8	15
6	6	2	2	..	6	2	9
10	11	10	8	10	11	12	29
..	5	3	3	3	3	5	9
11	6	5	8	4	3	7	15
5	6	5	4	9	2	5	6

DEATHS REGISTERED ACCORDING TO AGE IN THE TOWNS

Serial No.	Districts and towns	30 years and under 40 years — Male	30 years and under 40 years — Female	40 years and under 50 years — Male	40 years and under 50 years — Female
	B.—TOWNS—*cont.*				
	(12) Bilaspur District				
62	Bilaspur ..	20	23	28	14
63	Mungeli ..	8	6	10	8
64	Champa ..	28	16	26	20
	(13) Drug District				
65	Drug ..	18	13	19	7
	(14) Bhandara District				
66	Bhandara ..	21	16	15	17
67	Gondia ..	18	9	20	8
68	Paoni ..	4	9	14	5
69	Tumsar ..	8	9	13	4
	(15) Balaghat District				
70	Balaghat ..	11	4	8	3
	(16) Amraoti District				
71	Amraoti City ..	42	56	50	35
72	Amraoti Camp ..	39	14	23	9
73	Ellichpur ..	25	26	32	19
74	Badnera ..	9	7	10	8
75	Anjangaon ..	12	22	18	7
76	Dattapur ..	2	4	2	2
77	Paratwada (Ellichpur Camp) ..	6	11	5	8
78	Morsi ..	6	5	3	5
79	Warud ..	4	2	8	7
80	Karajgaon ..	8	5	5	4
81	Sirasgaon ..	8	11	6	6
82	Daryapur ..	8	7	5	11
83	Chandur Bazar ..	5	2	..	5
84	Pathrot ..	8	1	2	2
85	Chandur Railway ..	4	7	6	3
86	Sendurjana ..	4	6	2	7
	(17) Yeotmal District				
87	Yeotmal ..	27	32	38	18
88	Digras ..	10	5	8	6
89	Pusad ..	10	8	11	8
90	Darwha ..	7	5	6	5
91	Wun ..	24	12	24	9
92	Umerkhed ..	2	5	10	6
93	Pandarkaoda ..	10	9	9	5
94	Ghatanj ..	7	6	6	1

F THE CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940—*cont.*

50 years and under 60 years		60 years and upwards		Total of all ages	
Male	Female	Male	Female	Male	Female
40	21	45	70	381	332
9	9	14	22	144	135
30	14	51	39	346	250
14	7	27	27	261	221
13	19	40	46	260	261
19	11	43	39	280	216
8	10	36	26	166	165
11	4	25	20	189	164
8	3	7	13	78	72
42	32	142	120	822	871
26	10	34	23	227	120
22	21	92	96	442	479
16	4	38	35	211	152
13	12	58	38	252	226
8	3	3	4	44	34
21	9	32	19	177	149
15	7	29	21	122	73
7	3	18	16	114	105
5	5	26	23	109	105
7	2	28	25	112	143
9	5	26	31	134	153
6	6	22	16	70	91
9	6	12	10	69	58
8	8	18	18	90	91
6	14	17	11	88	81
38	17	90	67	432	369
8	7	28	15	129	94
16	15	27	20	162	162
11	6	22	36	126	122
7	11	34	40	248	229
7	3	21	18	96	90
13	3	33	19	151	132
7	6	24	15	97	74

DEATHS REGISTERED ACCORDING TO AGE IN THE TOWNS

Serial No.	Districts and towns		Under … Not exceeding one … Male Under one week	Male Over one week	Male Total	Female Under one week	Female Over one week	Female Total
	B—TOWNS—*cont.*							
	(18) Akola District							
95	Akola	..	69	34	103	72	31	103
96	Akot	..	28	11	39	24	9	33
97	Karanja	..	27	11	38	18	10	28
98	Basim	..	25	13	38	15	9	24
99	Balapur	..	6	11	17	13	2	15
100	Murtizapur	..	11	12	23	12	8	20
101	Hiwarkhed	..	8	3	11	6	..	6
102	Patur	..	3	4	7	2	1	3
103	Wadegaon	..	14	4	18	5	2	7
104	Mangrul Pir	..	5	5	10	6	4	10
105	Barsi Takli	..	4	4	8	1	2	3
	(19) Buldana District							
106	Buldana	..	8	5	13	3	7	10
107	Khamgaon	..	28	18	46	27	19	46
108	Malkapur	..	25	18	43	13	11	24
109	Shegaon	..	20	20	40	13	8	21
110	Jalgaon	..	5	9	14	5	7	12
111	Nandura	..	13	7	20	7	6	13
112	Chikhli	..	8	8	16	9	15	24
113	Mehkar	..	2	7	9	1	11	12
114	Deolgaon Raja	..	5	7	12	5	3	8
	Total for town	..	2,950	1,522	4,472	2,206	1,244	3,450
	Ratio per mille for the town	..	Information not available.					
	Total for the Province	..	20,646	16,516	37,162	16,160	13,636	29,796
	Population	..	Information not available.					
	Ratio for 1,000 living	..	Information not available.					

...F THE CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940—*cont.*

...ne year ...nth	Over one month and not exceeding six months			Over six months and not exceeding twelve months		
Total	Male	Female	Total	Male	Female	Total
206	104	116	220	55	63	118
72	29	26	55	18	12	30
66	22	14	36	23	18	41
62	17	26	43	24	10	34
32	11	7	18	5	9	14
43	20	12	32	14	8	22
17	9	11	20	3	4	7
10	6	5	11	5	4	9
25	4	7	11	6	1	7
20	16	4	20	7	9	16
11	6	6	12	6	1	7
23	13	8	21	10	15	25
92	45	41	86	37	33	70
67	24	22	46	26	13	39
61	24	15	39	23	29	52
26	18	2	20	10	12	22
33	10	6	16	15	16	31
40	14	12	26	12	6	18
21	7	1	8	1	5	6
20	13	5	18	5	4	9
7,922	3,054	2,635	5,689	2,535	2,313	4,848
—	—	—	Information not available	—	—	—
66,958	22,986	19,491	42,477	17,136	15,390	32,526
—	—	—	Information not available	—	—	—
—	—	—	Information not available	—	—	—

DEATHS REGISTERED ACCORDING TO AGE IN THE TOWNS

Serial No.	Districts and towns		Under one year—*cont.* Total			One year and under 5 years	
			Male	Female	Total	Male	Female
	B.—TOWNS—*cont.*						
	(18) Akola District						
95	Akola	..	264	279	543	160	133
96	Akot	..	85	73	158	50	40
97	Karanja	..	82	62	144	43	38
98	Basim	..	79	58	137	47	44
99	Balapur	..	33	33	66	20	26
100	Murtizapur	..	59	41	100	35	24
101	Hiwarkhed	..	23	21	44	9	18
102	Patur	..	19	12	31	14	12
103	Wadegaon	..	29	16	45	15	11
104	Mangrul Pir	..	31	22	53	18	17
105	Barsi Takli	..	20	11	31	17	12
	(19) Buldana District						
106	Buldana	..	36	33	69	15	19
107	Khamgaon	..	128	120	248	69	60
108	Malkapur	..	93	59	152	50	63
109	Shegaon	..	87	65	152	62	58
110	Jalgaon	..	42	26	68	43	24
111	Nandura	..	45	35	80	50	34
112	Chikhli	..	42	42	84	32	38
113	Mehkar	..	17	18	35	4	12
114	Deolgaon Raja	..	30	17	47	21	16
	Total for towns	..	10,061	8,398	18,459	6,088	5,750
	Ratio per mille for the towns	..	Information not available.				
	Total for the Province	..	77,284	64,677	141,961	51,032	44,928
	Population	..	288,264	296,409	584,673	986,592	1,041,014
	Ratio per 1,000 living	..	*239.43	211.94	226.07	45.56	37.63

*Calculated per 1,000 of births.

5 years and under 10 years		10 years and under 15 years		15 years and under 20 years		20 years and under 30 years	
Male	Female	Male	Female	Male	Female	Male	Female
17	33	19	20	19	49	84	96
9	14	3	14	5	14	17	35
10	14	5	9	8	13	10	30
10	15	4	2	1	6	20	22
3	3	2	4	2	9	5	15
1	8	2	2	2	7	6	12
5	..	3	2	2	1	3	12
5	5	1	3	2	3	4	11
3	..	2	1	..	3	4	9
2	1	..	..	..	..	5	2
1	..	1	1	..	3	3	5
5	3	4	2	3	5	6	8
14	18	4	7	7	28	33	26
13	10	5	9	5	29	12	27
15	14	7	12	6	9	8	27
16	3	1	3	2	3	5	14
12	9	5	4	7	8	9	14
7	..	2	1	5	4	5	7
1	1	5	3	4	..	2	6
3	1	1	2	2	2	3	3
1,251	1,319	718	798	815	1,334	1,874	2,905
Information not available.							
13,106	11,277	6,850	5,941	6,899	7,406	16,774	19,548
1,070,838	1,039,693	969,172	921,904	733,529	774,067	1,476,864	1,514,244
12.27	10.85	7.07	6.44	9.41	9.57	11.36	12.91

DEATHS REGISTERED ACCORDING TO AGE IN THE TOWNS

Serial No.	Districts and towns		30 years and under 40 years		40 years and under 50 years	
			Male	Female	Male	Female
	B.—TOWNS—*cont.*					
	(18) Akola District					
95	Akola	..	74	50	76	36
96	Akot	..	13	24	13	19
97	Karanja	..	22	12	17	14
98	Basim	..	12	21	17	8
99	Balapur	..	12	10	5	7
100	Murtizapur	..	15	13	19	10
101	Hiwarkhed	..	5	9	6	10
102	Patur	..	8	7	3	1
103	Wadegaon	..	3	3	5	2
104	Mangrul Pir	..	2	7	2	5
105	Barsi Takli	..	4	2	12	9
	(19) Buldana District					
106	Buldana	..	5	10	6	2
107	Khamgaon	..	21	23	27	28
108	Malkapur	..	13	14	12	9
109	Shegaon	..	14	24	15	10
110	Jalgaon	..	6	13	7	3
111	Nandura	..	10	11	6	5
112	Chikhli	..	7	1	1	..
113	Mehkar	..	8	2	5	3
114	Deolgaon Raja	..	2	5	3	3
	Total for towns	..	1,955	1,788	1,964	12,02
	Ratio per mille for the towns	..	Information not available			
	Total for the Province	..	18,414	15,784	18,906	13,613
	Population	..	1,159,275	1,138,782	830,675	782,560
	Ratio for 1,000 living	..	15.88	13.86	22.76	17.40

OF THE CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940—*cont*

50 years and under 60 years		60 years and upwards		Total of all ages	
Male	Female	Male	Female	Male	Female
62	45	150	130	889	875
19	18	59	47	273	298
28	13	47	52	270	257
14	6	35	57	240	239
7	1	22	24	111	131
13	3	23	27	176	148
9	4	28	25	91	102
15	10	16	10	88	74
6	7	19	19	84	70
5	2	16	23	84	80
10	4	12	15	80	62
13	6	12	14	105	102
30	11	48	64	372	385
17	10	44	48	269	269
16	10	42	43	272	272
6	6	26	34	144	129
9	2	34	43	188	165
3	..	21	20	126	114
5	4	13	13	62	61
5	2	13	11	83	62
2,043	1,326	4,567	4,569	31,336	29,389
Information not available.					
19,561	15,747	38,895	39,582	267,721	238,503
481,152	479,411	331,804	393,463	8,328,165	8,381,547
40.65	32.85	117.22	100.60	32.15	28.46

INFANTILE DEATHS ACCORDING TO COMMUNITIES IN THE DISTRICTS OF

District	Mortality under					
	Hindus		Mohammedans		Christians	
	Number	Ratio per 1,000 of births	Number	Ratio per 1,000 of births	Number	Ratio per 1,000 of births
Nagpur ..	9,833	272.15	375	173.05	29	120.33
Wardha ..	4,690	249.93	152	227.20	3	428.57
Chanda ..	6,000	206.74	105	225.32	6	125.00
Chhindwara ..	3,815	220.28	319	220.76	16	320.00
Betul ..	2,224	219.48	52	174.50	2	95.24
Jubbulpore ..	7,197	283.44	477	198.25	11	108.91
Saugor ..	9,134	247.21	268	167.81	17	354.17
Mandla ..	1,343	210.64	45	176.47	23	1045.45
Hoshangabad ..	7,869	262.33	316	231.50	5	96.15
Nimar ..	5,523	249.00	567	213.24	3	69.77
Raipur ..	10,943	210.09	97	168.99	24	128.34
Bilaspur ..	7,611	216.96	133	148.11	41	297.10
Drug ..	6,023	241.74	38	147.29	4	81.63
Bhandara ..	7,364	217.24	59	146.77	..	..
Balaghat ..	4,003	201.82	70	260.22	18	782.61
Amraoti ..	7,276	226.87	630	173.70	20	400.00
Yeotmal ..	6,195	214.90	358	185.78	8	296.30
Akola ..	6,549	208.65	595	165.37	6	230.77
Buldana ..	5,595	198.61	481	161.57	1	43.48
Total ..	119,188	230.76	5,137	184.41	237	202.56

FORM No. IV-A

THE CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940

year among

Others		Total deaths under one year of age			
Number	Ratio per 1,000 of births	Male	Female	Total	Ratio per 1,000 of births
473	266.03	5,886	4,824	10,710	265.84
4	173.91	2,679	2,170	4,849	249.13
624	210.46	3,551	3,184	6,735	207.28
3,724	214.58	4,305	3,569	7,874	218.13
1,508	199.34	2,095	1,691	3,786	210.15
2,241	250.62	5,180	4,746	9,926	269.46
20	952.38	5,099	4,340	9,439	243.58
1,905	177.44	1,665	1,651	3,316	190.75
680	239.44	4,786	4,085	8,871	258.83
..	..	3,460	2,633	6,093	244.81
42	375.00	6,013	5,093	11,106	209.70
3,702	221.50	6,201	5,286	11,487	212.53
2,267	207.32	4,507	3,825	8,332	230.47
3	115.38	4,075	3,351	7,426	216.22
38	417.58	2,341	1,788	4,129	204.27
42	146.34	4,406	3,562	7,968	221.12
48	256.68	3,692	2,917	6,609	213.40
25	134.41	3,965	3,210	7,175	216.00
53	156.80	3,378	2,752	6,130	194.55
17,399	214.52	77,284	64,677	141,961	226.07

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DEATHS REGISTERED *ACCORDING TO CLASSES* IN THE DISTRICTS OF

Number of

Serial No.	Districts	Mohammedans Male	Mohammedans Female	Mohammedans Total
	Nagpur Division			
1	Nagpur ..	920	901	1,821
2	Wardha ..	320	269	589
3	Chanda ..	200	194	394
4	Chhindwara ..	565	549	1,114
5	Betul ..	109	83	192
	Total ..	2,114	1,996	4,110
	Jubbulpore Division			
6	Jubbulpore ..	818	779	1,597
7	Saugor ..	668	584	1,252
8	Mandla ..	138	152	290
9	Hoshangabad ..	532	517	1,049
10	Nimar ..	959	918	1,877
	Total ..	3,115	2,950	6,065
	Chhattisgarh Division			
11	Raipur ..	243	252	495
12	Bilaspur ..	178	229	407
13	Drug ..	95	97	192
14	Bhandara ..	153	172	325
15	Balaghat ..	132	145	277
	Total ..	801	895	1,696
	Berar Division			
16	Amraoti ..	1,360	1,290	2,650
17	Yeotmal ..	868	778	1,646
18	Akola ..	1,207	1,200	2,407
19	Buldana ..	959	1,012	1,971
	Total ..	4,394	4,280	8,674
	Total for the Province ..	10,424	10,121	20,545

FORM No. V

THE CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940

deaths registered

Hindus			Other classes		
Male	Female	Total	Male	Female	Total
16,037	14,539	30,576	772	692	1,464
8,690	8,006	16,696	7	7	14
11,033	9,952	20,985	1,106	994	2,100
7,998	6,842	14,840	7,938	7,183	15,127
4,148	3,398	7,546	2,815	2,483	5,298
47,906	42,737	90,643	12,638	11,365	24,003
12,086	11,209	23,295	4,096	3,753	7,849
18,906	16,035	34,941	41	32	73
2,889	2,543	5,432	4,266	4,016	8,282
13,955	12,071	26,026	1,369	1,202	2,571
9,553	7,867	17,420	18	9	27
57,389	49,725	107,114	9,790	9,012	18,802
21,285	18,867	40,152	107	104	211
15,259	13,086	28,345	6,882	6,140	13,022
10,491	9,833	20,324	3,978	3,566	7,544
11,686	10,285	21,971	4	6	10
8,697	7,131	15,828	62	68	130
67,418	59,202	126,620	11,033	9,884	20,917
13,076	11,869	24,945	138	134	272
14,674	12,974	27,648	124	112	236
12,632	11,636	24,268	70	79	149
10,256	9,542	19,798	153	111	264
50,638	46,021	96,659	485	436	921
223,351	197,685	421,036	33,946	30,697	64,643

DEATHS REGISTERED *ACCORDING TO CLASSES* IN THE DISTRICTS OF

Serial No.	Districts	Muhammedans		
		Male	Female	Total
	Nagpur Division			
1	Nagpur ..	31.32	36.86	33.83
2	Wardha ..	28.97	27.22	28.14
3	Chanda ..	28.39	29.80	29.06
4	Chhindwara ..	28.68	28.91	28.79
5	Betul ..	29.91	24.46	27.28
	Total ..	29.86	31.37	30.67
	Jubbulpore Division			
6	Jubbulpore ..	31.75	35.65	33.54
7	Saugor ..	34.98	34.02	34.53
8	Mandla ..	37.63	47.51	42.24
9	Hoshangabad ..	29.28	30.94	30.08
10	Nimar ..	35.73	38.11	36.86
	Total ..	33.30	35.54	34.35
	Chhattisgarh Division			
11	Raipur ..	24.92	27.27	26.06
12	Bilaspur ..	18.78	25.01	21.84
13	Drug ..	26.02	26.30	26.16
14	Bhandara ..	18.81	23.40	20.99
15	Balaghat ..	24.07	25.73	24.91
	Total ..	21.95	25.51	23.70
	Berar Division			
16	Amraoti ..	29.75	31.63	56.99
17	Yeotmal ..	31.61	31.40	31.51
18	Akola ..	25.73	28.38	26.99
19	Buldana ..	25.59	29.51	27.46
	Total ..	27.89	30.11	28.94
	Total for the Province ..	26.67	28.69	27.63

THE CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940—*cont.*

Ratio					
Hindus			Other classes		
Male	Female	Total	Male	Female	Total
36.51	34.35	35.45	60.89	62.67	61.72
37.91	35.89	36.91	0.34	0.32	0.33
34.80	31.75	33.28	19.37	16.99	18.16
28.30	24.18	26.24	45.31	38.31	41.69
30.35	24.55	27.43	46.31	39.20	42.68
34.10	30.94	32.54	38.66	33.18	35.86
34.46	32.34	33.40	269.86	274.66	272.14
49.53	44.04	46.85	1.19	0.95	1.07
24.34	21.33	22.83	43.10	39.70	41.21
40.55	36.20	38.41	28.91	24.87	26.87
49.39	43.90	46.75	0.83	0.42	0.62
41.33	37.04	39.22	44.98	41.09	43.03
35.18	29.14	32.06	2.32	2.12	2.22
24.38	19.90	22.09	185.57	163.81	174.63
27.68	23.64	25.57	512.76	452.65	482.48
30.71	26.59	28.63	0.20	0.28	0.24
36.58	29.25	32.87	1.84	1.93	1.89
30.26	25.18	27.65	76.23	65.34	70.66
30.41	29.28	29.86	14.02	13.61	13.81
37.82	34.55	36.21	5.98	5.37	5.68
31.78	30.54	31.17	15.44	18.84	17.08
29.43	28.01	28.73	51.67	41.04	46.59
32.38	30.63	30.53	12.74	11.59	12.17
31.26	27.42	29.33	42.80	37.50	40.11

BIRTHS AND DEATHS REGISTERED FROM *DIFFERENT CAUSES* IN THE

DURING THE

Serial No.	Districts	Population	Births: Male	Births: Female	Births: Total	Birth-rate
	A.—RURAL DISTRICTS					
	Nagpur Division					
1	Nagpur	668,441	12,447	11,748	24,195	36.20
2	Wardha	457,356	8,189	7,828	16,017	35.02
3	Chanda	783,998	15,078	14,630	29,708	37.89
4	Chhindwara	983,188	17,035	16,639	33,674	34.25
5	Betul	414,737	9,093	8,265	17,358	41.85
	Jubbulpore Division					
6	Jubbulpore	700,583	14,986	14,268	29,254	41.76
7	Saugor	803,287	17,385	16,197	33,582	41.81
8	Mandla	494,284	8,548	8,426	16,974	34.34
9	Hoshangabad	755,108	15,644	14,704	30,348	40.19
10	Nimar	403,127	10,692	10,084	20,776	51.54
	Chhattisgarh Division					
11	Raipur	1,447,706	25,556	24,420	49,976	34.52
12	Bilaspur	1,484,133	26,795	25,361	52,156	35.14
13	Drug	896,471	18,169	17,341	35,510	39.61
14	Bhandara	871,620	16,269	15,569	31,838	36.53
15	Balaghat	603,022	10,296	9,642	19,938	33.06
	Berar Division					
16	Amraoti	791,700	14,525	13,371	27,896	35.24
17	Yeotmal	836,047	14,334	13,362	27,696	33.13
18	Akola	744,104	13,673	12,777	26,450	35.55
19	Buldana	712,796	13,888	12,886	26,774	37.56
	Total	14,851,708	282,602	267,518	550,120	37.04

ORM No. VI

ISTRICTS (*RURAL CIRCLES*) OF THE CENTRAL PROVINCES AND BERAR

EAR 1940

Cholera	Small-pox	Plague	Fevers	Dysentery and diarrhoea	Respiratory diseases	Suicide and Homicide: Male	Suicide and Homicide: Female
Deaths from							
162	156	1	11,126	573	1,363	27	42
593	282	..	5,552	1,432	1,450	31	36
138	226	..	11,535	483	534	37	36
11	254	14	19,817	488	1,551	27	42
..	113	12	5,373	259	2,009	20	9
62	108	101	15,524	1,231	7,805	37	34
..	241	31	23,202	546	4,292	50	62
..	35	15	10,494	327	463	17	10
8	235	42	18,100	808	720	24	18
..	77	..	11,484	194	1,685	13	9
1,050	89	..	25,887	1,263	1,230	51	23
160	103	..	29,044	1,376	1,074	52	29
355	119	..	19,706	955	549	19	16
33	169	..	13,225	166	580	49	43
3	89	..	12,929	82	185	31	26
82	55	..	8,107	3,730	2,419	59	49
1,733	60	3	13,925	2,191	1,582	38	31
198	46	..	8,273	3,499	2,568	36	41
3	87	..	6,111	1,979	3,153	23	29
4,591	2,544	219	269,414	21,582	35,212	651	585

BIRTHS AND DEATHS REGISTERED FROM *DIFFERENT* CAUSES IN THE

DURING THE

Serial No.	Districts	Deaths from: Wounding and accident	Snake bite	Killed by wild beasts	Rabies	Total	All other causes	Total deaths from all causes
	A.—RURAL DISTRICTS —*cont.*							
	Nagpur Division							
1	Nagpur ..	146	28	4	2	249	6,198	19,82[illegible]
2	Wardha ..	112	27	11	..	217	5,085	14,61[illegible]
3	Chanda ..	215	37	18	19	362	7,951	21,22[illegible]
4	Chhindwara ..	324	77	20	6	496	6,578	29,2[illegible]
5	Betul ..	126	26	12	6	199	4,634	12,5[illegible]
	Jubbulpore Division							
6	Jubbulpore ..	135	85	8	15	314	1,807	26,95[illegible]
7	Saugor ..	113	103	16	16	360	3,532	32,20[illegible]
8	Mandla ..	88	92	12	8	227	2,079	13,64[illegible]
9	Hoshangabad ..	130	34	19	13	238	6,347	26,4[illegible]
10	Nimar ..	86	22	4	3	137	2,623	16,2[illegible]
	Chhattisgarh Division							
11	Raipur ..	285	54	25	14	452	8,479	34,85[illegible]
12	Bilaspur ..	146	64	18	29	338	8,091	40,18[illegible]
13	Drug ..	159	35	5	5	239	5,655	27,57[illegible]
14	Bhandara ..	208	28	8	5	341	6,091	20,60[illegible]
15	Balaghat ..	107	38	7	7	216	2,581	16,08[illegible]
	Berar Division							
16	Amraoti ..	98	42	2	2	252	7,208	21,85[illegible]
17	Yeotmal ..	120	38	6	7	240	7,083	26,81[illegible]
18	Akola ..	92	48	6	7	230	7,288	22,10[illegible]
19	Buldana ..	77	26	1	4	170	7,350	18,85[illegible]
	Total ..	2,767	904	202	168	5,277	106,660	445,49[illegible]

STRICTS (*RURAL CIRCLES*) OF THE CENTRAL PROVINCES AND BERAR

AR 1940—*cont.*

Ratio of deaths per 1,000 of population									
								From all causes	
Cholera	Small-pox	Plague	Fevers	Dysentery and diarrhoea	Respiratory diseases	Injuries	All other causes	For the year	Mean of previous 5 years
0.24	0.23	..	16.64	0.86	2.04	0.37	9.28	29.66	35.94
1.30	0.62	..	12.14	3.13	3.17	0.47	11.12	31.95	35.18
0.18	0.29	..	14.71	0.62	0.68	0.46	10.14	27.08	32.51
0.01	0.26	0.01	20.16	0.50	1.58	0.50	6.69	29.71	35.39
..	0.27	0.03	12.96	0.62	4.84	0.48	11·18	30·38	43.09
0.09	0.15	0.14	22.16	1.76	11.14	0.45	2.58	38.47	40.29
..	0.30	0.04	28.88	0.68	5.34	0.45	4.40	40.09	40.67
..	0.07	0.03	21.23	0.66	0.94	0.46	4.21	27.60	26.76
0.01	0.31	0.06	23.97	1.07	0.95	0.32	8.40	35.09	42.71
..	0.20	..	28.49	0.48	4.18	0.34	6.50	40.19	46.71
0.73	0·06	..	17.88	0.87	0.85	0.31	5.86	26.56	29.93
0.11	0.07	..	19.56	0.93	0.72	0.23	5.46	27.08	30.00
0.40	0.13	..	21.98	1.07	0.61	0.27	6.30	30.76	32.77
0.04	0.20	..	15.17	0.19	0.67	0.39	6.98	23.64	28.74
..	0.15	..	21.44	0.14	0.30	0.36	4.28	26.67	26.31
0.10	0.07	..	10.24	4.71	3.06	0.32	9.10	27.60	36.86
2.07	0.07	..	16.66	2.62	1.89	0.29	8.48	32.08	35.11
0.27	0.06	..	11.12	4.70	3.45	0.31	9.79	29.70	38.87
..	0.12	..	8.57	2.78	4.42	0.24	10.32	26.45	36.61
0.31	0.17	0.01	18.14	1.45	2.37	0.36	7.19	30.00	34.79

BIRTHS AND DEATHS REGISTERED FROM *DIFFERENT CAUSES* IN THE

Serial No.	Districts and towns	Population	Births: Male	Births: Female	Births: Total	Birth-rate
	B.—TOWNS					
	(1) Nagpur District					
1	Nagpur	215,165	5,993	5,694	11,687	54.32
2	Kamptee	26,341	446	421	867	32.91
3	Umrer	17,913	409	393	802	44.77
4	Katol	10,900	245	235	480	44.04
5	Ramtek	8,939	250	247	497	55.60
6	Khapa	8,191	146	148	294	35.89
7	Narkhed	8,139	157	162	319	39.19
8	Saoner	7,969	139	143	282	35.39
9	Kalmeshwar	4,665	121	107	228	48.87
10	Mowar	5,206	120	94	214	41.11
11	Kelod	5,160	106	107	213	41.28
12	Mohpa	4,757	100	110	210	44.15
	(2) Wardha District					
13	Wardha	19,571	513	477	990	50.59
14	Hinganghat	22,601	456	400	856	37.87
15	Arvi	16,293	322	302	624	38.30
16	Pulgaon	7,845	160	140	300	38.24
17	Deoli	6,209	104	120	224	36.08
18	Ashti	5,881	135	90	225	38.26
19	Sindi	6,883	110	118	228	33.13
	(3) Chanda District					
20	Chanda	28,138	644	609	1,253	44.53
21	Warora	9,811	213	178	391	39.85
22	Armori	6,522	152	150	302	46.30
23	Nawargaon	5,330	77	71	148	27.77
24	Brahmapuri	5,216	151	130	281	53.87
25	Chimur	4,848	110	113	223	46.00
26	Bailarpur	5,737	91	95	186	32.42
	(4) Chhindwara District					
27	Chhindwara	17,080	450	366	816	47.78
28	Pandhurna	11,570	285	245	530	45.81
29	Sausar	5,919	146	134	280	47.31
30	Seoni	16,081	447	351	798	49.62
	(5) Betul District					
31	Betul	9,614	219	208	427	44.41
32	Betul Bazar	5,378	112	119	231	42.95

Deaths from						Suicide and Homicide	
Cholera	Smallpox	Plague	Fevers	Dysentery and diarrhoea	Respiratory diseases	Male	Female
79	681	2	2,607	477	1,971	12	21
2	114	..	307	24	31	2	..
..	4	..	162	21	37	..	1
..	31	..	140	13	36	1	..
..	14	..	127	12	46	2	..
13	40	..	74	14	7	..	1
..	..	..	79	10	41	..	..
..	5	..	86	20	18	..	..
2	2	..	57	6	11	..	..
..	..	..	34	16	30	1	..
..	1	..	135	..	..	..	1
..	2	..	115	2	4	2	1
23	15	..	232	56	66	1	2
83	2	..	170	101	83	..	..
3	10	..	167	61	55	3	1
..	4	..	61	25	16	2	..
..	..	..	39	10	11	..	..
..	2	..	48	24	16	3	1
..	..	..	28	18	38	..	2
2	10	..	355	49	84	5	6
1	..	..	177	18	16	..	..
..	2	..	85	12	11	..	1
..	..	..	80	..	1	..	..
..	..	..	45	2	9	1	..
..	4	..	90	1	..	..	..
41	62	..	64	19	32	..	2
..	161	..	125	29	92	2	4
..	6	..	193	27	44	1	..
..	..	12	73	9	26	..	1
..	2	9	135	24	81	..	..
..	2	..	144	6	54	..	..
..	1	..	42	..	28	..	..

BIRTHS AND DEATHS REGISTERED FROM *DIFFERENT CAUSES* IN THE

Serial No.	Districts and towns	Deaths from: Wounding and accident	Snake bite	Killed by wild beasts	Rabies	Total	All other causes	Total deaths from all causes
	B.—TOWNS—*cont.*							
	(1) Nagpur District							
1	Nagpur	87	2	2	2	126	4,731	10,674
2	Kamptee	3	..	..	..	5	262	745
3	Umrer	2	..	..	1	4	28[illegible]	512
4	Katol	..	..	..	..	1	161	382
5	Ramtek	3	..	..	..	5	152	356
6	Khapa	..	..	..	..	1	99	248
7	Narkhed	1	..	1	..	2	77	209
8	Saoner	2	..	..	..	2	100	231
9	Kalmeshwar	1	..	..	..	1	58	137
10	Mowar	1	..	..	..	2	81	163
11	Kelod	2	..	..	..	3	32	171
12	Mohpa	1	..	..	..	4	78	205
	(2) Wardha District							
13	Wardha	11	..	2	..	16	347	755
14	Hinganghat	4	..	1	..	5	351	795
15	Arvi	4	1	2	4	15	191	502
16	Pulgaon	3	..	..	..	5	87	198
17	Deoli	..	..	..	..	..	81	141
18	Ashti	..	1	..	..	5	60	155
19	Sindi	2	..	..	..	4	54	142
	(3) Chanda District							
20	Chanda	3	2	1	..	17	463	981
21	Warora	6	..	..	..	6	100	318
22	Armori	4	..	..	2	7	104	221
23	Nawargaon	1	..	..	..	1	41	123
24	Brahmapuri	2	..	..	..	3	80	139
25	Chimur	3	..	..	..	3	69	167
26	Ballarpur	4	..	..	..	6	77	301
	(4) Chhindwara District							
27	Chhindwara	5	..	1	1	13	303	723
28	Pandhurna	2	..	1	..	4	157	431
29	Sausar	1	..	..	..	2	44	166
30	Seoni	16	..	1	..	17	284	552
	(5) Betul District							
31	Betul	5	..	1	1	7	92	305
32	Betul Bazar	..	..	..	..	..	61	132

WNS OF THE CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940—*cont.*

Ratio of deaths per 1,000 of population.

Cholera	Small-pox	Plague	Fevers	Dysentery and diarrhoea	Respiratory diseases	Injuries	All other causes	From all causes: For the year	From all causes: Mean of previous 5 years
0.37	3.17	0.01	12.12	2.22	9.16	0.59	21.97	49.61	44.99
0.08	4.33	..	11.65	0.91	1.18	0.19	9.94	28.28	25.81
..	0.22	..	9.04	1.17	2.07	0.22	15.86	28.58	35.45
..	2.85	..	12.84	1.19	3.30	0.09	14.78	35.05	32.09
..	1.57	..	14.21	1.34	5.15	0.56	17.00	39.83	36.26
1.59	4.88	..	9.03	1.713	0.85	0.12	12 09	30.27	33.47
..	..	..	9.70	1.23	5.04	0.25	9.45	25.68	33.83
..	0.63	..	10.79	2.51	2.26	0.25	12.55	28.99	31.10
0.43	0.43	..	12.22	1.29	2.36	0.21	12.43	29.37	40.13
..	..	..	6.53	3.07	5.76	0.38	15.57	31.31	42.56
..	0.19	..	26.16	..	..	0.58	6.21	33.14	37.25
..	0.42	..	24.18	0.42	0.84	0.84	16.39	43.09	41.20
1.18	0.77	..	11.85	2.86	3.37	0.82	17.73	38.58	31.53
3.67	0.09	..	7.52	4.47	3.67	0.22	15.54	35.18	32.80
0.18	0.61	..	10.25	3.74	3.38	0.92	11.73	30.81	29.57
..	0.51	..	7.78	3.19	2.04	0.64	11.08	25.24	16.13
..	..	..	6.28	1.61	1.77	..	13.05	22.71	29.92
..	0.34	..	8.16	4.08	2.72	0.85	10.21	26.36	35.81
..	..	..	4.07	2.62	5.52	0.58	7.84	20.63	24.41
0.07	0.36	..	12.65	1.74	2.99	0.60	16.45	34.86	36.34
0.10	..	..	18.04	1.83	1.63	0.61	10.20	32.41	33.54
..	0.31	..	13.03	1.84	1.69	1.07	15.95	33.89	33.24
..	..	..	15.01	..	0.19	0.19	7.69	23.08	22.44
..	..	..	8.63	0.38	1.73	0.58	15.33	26.65	34.16
..	0.83	..	18.56	0.21	..	0.62	14.23	34.45	38.10
7.15	10.81	..	11.16	3.31	5.58	1.05	13.41	52.47	7.74
..	9.43	..	7.32	1.70	5.39	0.76	17.73	42.33	42.19
..	0.52	..	16.68	2.33	3.80	0.35	13.57	37.25	39.32
..	..	2.03	12.33	1.52	4.39	0.34	7.44	28.05	35.86
..	0.12	0.56	8.40	1.49	5.04	1.06	..	34.33	38.82
..	0.20	..	14.98	0.62	5.62	0.73	9.57	31.72	37.98
..	0.19	..	7.81	..	5.21	..	11.33	24.54	32.76

BIRTHS AND DEATHS REGISTERED FROM *DIFFERENT CAUSES* IN THE

Serial No.	Districts and towns	Population	Births: Male	Births: Female	Births: Total	Birthrate
	B.—TOWNS—*cont.*					
	(6) Jubbulpore District					
33	Jubbulpore ..	104,317	3,195	2,971	6,166	59.11
34	Jubbulpore Cantonment ..	20,065	64	63	127	6.33
35	Murwara ..	21,959	474	466	940	42.81
36	Sihora ..	5,764	185	165	350	60.72
	(7) Saugor District					
37	Saugor ..	38,517	1,228	1,093	2,321	60.26
38	Saugor Cantonment ..	10,345	216	208	424	40.99
39	Etawah ..	10,849	146	140	286	26.36
40	Khurai ..	6,951	196	182	378	54.38
41	Garhakota ..	8,242	197	184	381	46.23
42	Deori ..	5,638	172	169	341	60.48
43	Damoh ..	20,728	530	508	1,038	50.08
	(8) Mandla District					
44	Mandla ..	7,997	206	204	410	59.27
	(9) Hoshangabad District					
45	Hoshangabad ..	12,332	296	273	569	46.14
46	Harda ..	16,031	372	313	685	42.73
47	Sohagpur ..	8,141	171	166	337	41.40
48	Itarsi ..	11,787	234	216	450	38.18
49	Seoni-Malwa ..	6,410	155	149	304	47.43
50	Pachmarhi ..	6,136	76	59	135	22.00
51	Piparia ..	3,968	99	67	166	41.83
52	Narsinghpur ..	11,077	216	209	425	38.37
53	Gadarwara ..	9,077	202	167	369	40.65
54	Chhota Chhindwara ..	3,671	120	123	243	66.19
55	Kareliganj ..	2,315	127	116	243	104·96
	(10) Nimar District					
56	Khandwa ..	34,622	896	855	1,751	50.57
57	Burhanpur ..	44,066	1,202	1,160	2,362	53.60
	(11) Raipur District					
58	Raipur ..	45,390	1,008	934	1,942	42.78
59	Dhamtari ..	11,505	250	248	498	43.29
60	Arang ..	6,496	123	111	234	36.02
61	Bhatapara ..	7,974	150	162	312	39.13
	(12) Bilaspur District					
62	Bilaspur ..	31,374	569	514	1,083	34.52
63	Mungeli ..	6,665	126	106	232	34.81
64	Champa ..	8,362	297	281	578	69.12
	(13) Drug District					
65	Drug ..	13,172	322	320	642	48.74

[TO]WNS OF THE CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940—*cont.*

Deaths from							
						Suicide and Homicide	
[Ch]olera	Small pox	Plague	Fevers	Dysentery and diarrhoea	Respiratory diseases	Male	Female
..	69	..	1,099	318	1,794	4	3
..	..	..	58	5	29	3	3
..	2	..	218	104	241	1	..
..	2	..	94	15	103	1	..
..	2	7	773	102	348	1	1
..	..	..	168	21	23	..	2
..	..	..	102	12	25	..	..
..	1	..	154	19	78	..	..
..	..	..	134	13	64	..	..
..	..	3	87	12	65	..	1
..	1	..	315	81	164	..	..
..	7	6	108	26	25	2	2
..	19	..	273	30	19	1	2
..	1	..	191	57	42	..	1
..	51	..	101	17	13	2	..
..	39	..	153	17	26	..	..
..	1	..	109	9	7	..	1
..	..	..	86	9	9	2	..
..	12	..	35	11	7	..	..
..	14	2	147	29	42	..	..
..	20	1	148	20	25	..	..
..	7	..	99	15	18	..	1
..	..	..	113	18	16	..	..
..	..	..	616	73	241	5	2
..	..	..	982	71	235	2	1
1	176	..	577	138	121	10	1
..	6	..	137	28	17	1	..
..	..	..	97	15	10	1	1
9	..	..	154	12	7	1	1
2	28	..	294	39	58	1	1
1	5	..	161	32	12	..	1
1	..	..	311	79	31	..	..
..	1	..	212	42	30	1	1

BIRTHS AND DEATHS REGISTERED FROM *DIFFERENT CAUSES* IN THE

Serial No.	Districts and towns	Deaths from: Wounding and accident	Snake bite	Killed by wild beasts	Rabies	Total	All other causes	Total deaths from all causes
	B.—TOWNS—*cont.*							
	(6) Jubbulpore District							
33	Jubbulpore ..	69	11	4	5	92	1,268	4,640
34	Jubbulpore Cantonment	2	1	..	..	6	48	146
35	Murwara ..	23	..	..	2	25	152	742
36	Sihora ..	5	..	..	..	5	42	261
	(7) Saugor District							
37	Saugor ..	1	..	..	..	3	622	1,857
38	Saugor Cantonment ..	1	..	..	2	5	122	339
39	Etawah ..	..	..	..	..	.	56	195
40	Khurai ..	3	1	..	..	4	49	305
41	Garhakota ..	3	..	..	1	4	69	284
42	Deori ..	1	..	..	..	2	50	219
43	Damoh ..	2	..	..	1	2	300	863
	(8) Mandla District							
44	Mandla ..	4	1	..	..	9	183	364
	(9) Hoshangabad District							
45	Hoshangabad ..	4	..	..	..	7	154	502
46	Harda ..	11	1	..	..	13	178	482
47	Sohagpur ..	3	..	..	..	5	68	255
48	Itarsi ..	5	..	..	..	5	132	372
49	Seoni-Malwa ..	4	..	1	..	6	85	217
50	Pachmarhi ..	..	..	..	..	2	29	135
51	Piparia ..	1	..	..	..	1	28	94
52	Narsinghpur ..	4	..	..	..	4	102	340
53	Gadarwara ..	..	..	..	..	..	118	332
54	Chhota Chhindwara ..	2	..	..	2	..	64	203
55	Kareliganj ..	..	..	..	..	5	64	[illegible]
	(10) Nimar District							
56	Khandwa ..	5	..	..	..	12	504	1,446
57	Burhanpur ..	14	1	..	..	18	372	1,678
	(11) Raipur District							
58	Raipur ..	31	..	1	1	44	586	1,643
59	Dhamtari ..	7	..	..	..	8	119	315
60	Arang ..	3	..	..	..	5	53	180
61	Bhatapara ..	4	..	..	..	6	82	270
	(12) Bilaspur District							
62	Bilaspur ..	16	..	..	..	18	274	713
63	Mungeli ..	2	..	..	5	8	60	279
64	Champa ..	1	..	..	..	1	173	596
	(13) Drug District							
65	Drug ..	4	..	..	..	6	191	482

NS OF THE CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940—*cont.*

	Ratio of deaths per 1,000 of population								
								For all causes	
lera	Small-pox	Plague	Fevers	Dysentery and diarrhoea	Respiratory diseases	Injuries	All other causes	For the year	Mean of previous 5 years
..	0.66	..	10.54	3.05	17.20	0.88	12.15	44.48	44.55
..	..	..	2.89	0.25	1.45	0.30	2.39	7.28	8.45
..	0.09	..	9.93	4.74	10.97	1.14	6.92	33.79	35.40
..	0.35	..	16.31	2.60	17.87	0.87	7.28	45.28	35.87
..	0.05	0.18	20.07	2.65	9.03	0.08	16.15	48.21	50.32
..	..	..	16.24	2.03	2.22	0.48	11.80	32.77	31.94
..	..	..	9.40	1.11	2.30	..	5.16	17.97	16.33
..	0.14	..	22.16	2.73	11.22	0.58	7.05	43.88	36.10
..	..	..	16.26	1.58	7.77	0.49	8.36	34.46	33.41
..	..	0.53	15.43	2.13	11.53	0.35	8.87	38.84	27.85
..	0.05	..	15.20	3.91	7.91	0.10	14.46	41.63	38.58
..	0.88	0.75	13.51	3.25	3.12	1.13	22.88	45.52	47.59
..	1.54	..	22.14	2.43	1.54	0.57	12.49	40.71	35.59
..	0.06	..	11.91	3.56	2.62	0.81	11.11	30.07	37.94
..	6.26	..	12.41	2.09	1.60	0.61	8.35	31.32	35.16
..	3.31	..	12.98	1.44	2.21	0.42	11.20	31.56	25.53
..	0.16	..	17.00	1.40	1.09	0.94	13.25	33.85	37.72
..	..	..	14.02	1.47	1.47	0.33	4.71	22.00	23.72
..	3.02	..	8.82	2.77	1.77	0.25	7.06	23.69	26.46
..	1.26	0.18	13.27	2.62	3.79	0.36	8.21	30.69	38.32
..	2.20	0.11	16.31	2.20	2.75	..	12.99	25.56	37.23
..	1.91	..	26.97	4.09	4.90	..	17.43	55.30	51.97
..	..	..	48.81	7.78	6.91	2.16	27.64	93.30	7.93
..	..	..	17.79	2.11	6.96	0.35	14.56	41.77	36.28
..	..	..	22.28	1.61	5.33	0.41	8.45	38.08	36.53
1.02	3.88	..	12.71	3.04	2.67	0.97	12.91	36.20	31.95
..	0.52	..	11.91	2.43	1.48	0.70	10.34	27.38	30.71
1.03	..	..	14.93	2.31	1.54	0.77	8.16	27.71	36.20
	..	..	19.31	1.50	0.88	0.75	10.29	33.86	30.37
1.06	0.89	..	9.37	1.24	1.85	0.58	8.74	22.73	23.48
0.15	0.75	..	24.16	4.80	1.80	1.20	9.00	41.86	30.69
1.12	..	..	37.19	9.45	3.71	0.12	20.68	71.27	40.08
..	0.08	..	16.09	3.19	2.28	0.45	14.50	36.59	33.96

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BIRTHS AND DEATHS REGISTERED FROM *DIFFERENT CAUSES* IN THE

Serial No	Districts and towns		Population	Births: Male	Births: Female	Births: Total	Birth rate
	B.—TOWNS—*cont.*						
	(14) Bhandara District						
66	Bhandara	..	16,738	408	428	836	49.95
67	Gondia	..	14,957	347	320	667	44.59
68	Paoni	..	12,525	308	292	600	47.90
69	Tumsar	..	10,061	216	188	404	40.16
	(15) Balaghat District						
70	Balaghat	..	9,605	140	135	275	28.63
	(16) Amraoti District						
71	Amraoti	..	46,832	1,199	1,130	2,329	49.73
72	Amraoti Camp	..	10,268	202	136	338	32.92
73	Ellichpur	..	28,592	582	600	1,182	41.34
74	Badnera	..	13,666	283	288	571	41.78
75	Anjangaon	..	11,597	347	310	657	56.65
76	Dattapur	..	9,887	61	60	121	12.24
77	Paratwara (Ellichpur Camp)	..	9,799	200	191	391	39.90
78	Morsi	..	9,523	166	163	329	34.55
79	Warud	..	10,010	187	173	360	35.96
80	Karajgaon	..	6,853	128	121	249	36.33
81	Sirasgaon	..	6,880	148	145	293	42.59
82	Daryapur	..	8,556	226	194	420	49.09
83	Chandur Bazar	..	5,803	125	121	246	42.39
84	Pathrot	..	5,218	74	67	141	27.02
85	Chandur Railway	..	7,091	122	111	233	32.86
86	Sendurjana	..	6,466	148	131	279	43.15
	(17) Yeotmal District						
87	Yeotmal	..	20,967	515	463	978	46.64
88	Digras	..	9,398	162	159	321	34.16
89	Pusad	..	9,862	157	176	333	33.77
90	Darwha	..	9,661	183	183	366	37.88
91	Wun	..	12,597	278	219	497	39.45
92	Umerkhed	..	7,957	190	181	371	46.62
93	Panderkaora	..	7,577	139	146	285	37.61
94	Ghatanji	..	3,989	60	63	123	30.83

[TO]WNS OF THE CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940—*cont.*

Deaths from							
						Suicide and Homicide	
Cholera	Smallpox	Plague	Fevers	Dysentery and diarrhoea	Respiratory diseases	Male	Female
..	6	..	229	25	45	3	3
..	36	..	221	22	16	3	1
3	1	..	163	11	16	..	..
..	102	..	62	16	17	1	2
..	2	4	65	2	3	1	1
..	48	..	793	61	213	9	5
..	1	..	83	21	9	1	1
..	11	..	193	76	31	2	1
..	10	..	143	52	39	1	2
..	3	..	137	66	45	2	1
..	..	..	42	1	17	..	..
..	34	..	133	19	21	..	..
..	..	..	69	..	80	4	1
..	25	..	71	10	22	..	..
3	..	..	97	15	14	..	..
..	1	..	114	43	21	..	..
9	..	..	119	60	7	1	1
..	..	..	57	28	9	..	..
..	..	..	62	12	5	2	..
..	..	..	44	51	20	..	..
..	1	..	36	10	47	1	..
5	1	1	289	52	138	4	2
..	..	..	104	25	10	..	..
18	27	..	164	19	11	2	..
..	..	..	105	27	24	..	..
55	11	..	132	49	59	..	1
..	..	..	79	15	20	2	1
8	10	17	108	26	46	1	..
24	..	..	73	13	14	1	..

BIRTHS AND DEATHS REGISTERED FROM *DIFFERENT CAUSES* IN THE

Serial No.	Districts and towns	Deaths from: Wounding and accident	Snake bite	Killed by wild beasts	Rabies	Total	All other causes	Total deaths from all causes
	B.—TOWNS—*cont.*							
	(14) Bhandara District							
66	Bhandara	13	1	..	1	21	195	521
67	Gondia	6	..	2	..	12	189	496
68	Paoni	3	..	..	..	3	134	331
69	Tumsar	3	..	..	..	6	150	353
	(15) Balaghat District							
70	Balaghat	3	..	..	..	5	70	150
	(16) Amraoti District							
71	Amraoti	3	..	..	..	17	561	1,693
72	Amraoti Camp	7	1	.	..	10	223	347
73	Ellichpur	11	1	..	..	15	595	921
74	Badnera	2	1	..	1	7	112	363
75	Anjangaon	2	..	..	..	5	222	478
76	Dattapur	..	1	..	..	1	17	78
77	Paratwara (Ellichpur Camp)	1	..	..	..	1	118	326
78	Morsi	..	..	..	..	5	41	195
79	Warud	2	..	..	..	2	89	219
80	Karajgaon	2	..	..	..	2	83	214
81	Sirasgaon	7	1	..	..	8	68	255
82	Daryapur	1	1	..	..	4	88	287
83	Chandur Bazar	1	..	..	..	1	66	161
84	Pathrot	3	..	..	..	5	43	127
85	Chandur Railway	1	..	..	..	1	65	181
86	Sendurjana	1	..	..	..	2	73	169
	(17) Yeotmal District							
87	Yeotmal	10	..	1	..	18	298	801
88	Digras	3	..	..	..	3	81	223
89	Pusad	..	..	..	..	2	69	324
90	Darwha	2	..	..	1	3	89	248
91	Wun	3	..	..	1	5	166	447
92	Umerkhed	1	..	..	..	4	68	186
93	Panderkaora	1	1	..	..	3	82	283
94	Ghatanji	2	..	..	1	4	43	171

WNS OF THE CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940—*cont.*

Ratio of deaths per 1,000 of population								For all causes	
holera	Small-pox	Plague	Fevers	Dysentery and diarrhoea	Respiratory diseases	Injuries	All other causes	For the year	Mean of previous 5 years
..	0.36	..	13·68	1.49	2.69	2.44	10.47	31.13	30.15
..	2.46	..	14.78	1.47	1.07	0.80	12.63	33.16	29.29
0.24	0.08	..	13.02	0.88	1.28	0.24	10.69	26.43	28.92
..	10·14	..	6.16	1.59	1.69	0.80	14.79	35.09	21.64
..	0.21	0.42	6.77	0.21	0.31	.52	7.18	15·62	18.57
..	1.02	..	16.94	1.30	4.55	0.36	11.98	36.15	34.93
..	0.10	..	8.08	2.05	0.88	0.97	21.61	33.74	37.51
..	0.38	..	6.75	2.66	1.08	0.52	20.82	32.21	34.70
..	0.73	..	10.46	3.81	2.85	0.51	8.20	26.56	33 35
..	0.26	..	11.81	5.69	3.88	0.43	19.15	41.22	32.32
..	..	..	4.25	0.10	1.72	0.10	1.72	7.89	9.62
..	3.47	..	13.57	1.94	2.14	0.10	12.05	33.27	32.57
..	..	..	7.25	..	8.40	0.52	4.31	20.48	26.90
..	2.50	..	7.09	1.00	2.20	0.20	8.89	21.88	38.50
0.44	..	..	14.15	2.19	2.04	0.29	12.12	31.23	36.56
..	0.15	..	16.57	6.25	3.05	1.16	9.88	37.06	36.89
1.05	..	..	13.91	7.01	0.82	0.47	10.28	33.54	35.95
..	..	..	9.82	4.82	1.55	0.17	11.38	27.74	36.29
..	..	..	11.88	2.30	0.96	0.96	8.24	24.34	37.33
..	..	..	6.21	7·19	2.82	0.14	9.16	25.52	..
..	0.15	..	5.57	1.55	7.27	0.31	11.29	26.14	..
0.24	0.05	0.05	13.78	2.48	6.58	0.86	14.16	38.20	38.69
..	..	..	11.07	2.66	1.06	0.32	8.62	23.73	23.21
1.82	2.74	..	16.63	1.93	1.12	0.20	8.41	32.85	26.18
..	..	..	10.87	2.79	2.48	0.31	9.22	25.67	32.11
4.37	0.87	..	10.48	3.89	4.68	0.40	13.18	37.87	30.04
..	..	..	9.93	1.89	2.51	0.50	8.55	23.38	23.30
1.06	1.32	2.24	14.25	3.43	6.07	0.40	8.58	37.35	27.28
6.01	..	..	18.30	3.26	3.52	1.00	10.78	42.87	23.66

BIRTHS AND DEATHS REGISTERED FROM *DIFFERENT CAUSES* IN THE

Serial No.	Districts and towns	Population	Births Male	Births Female	Births Total	Birth rate
	B.—TOWNS—*cont.*					
	(18) Akola District					
95	Akola ..	47.632	1,251	1,201	2,452	51.48
96	Akot ..	18,693	414	365	779	41.67
97	Karanja ..	16,615	384	329	713	42.91
98	Basim ..	14,409	369	350	719	49.90
99	Balapur ..	11,245	261	195	456	40.55
100	Murtizapur ..	11,541	245	235	480	41.59
101	Hiwerkhed ..	6,914	149	116	265	38.33
102	Patur ..	6,838	128	114	242	35.39
103	Wadegaon ..	5,965	121	105	226	37.89
104	Mangrul Pir ..	6,386	106	134	240	37.58
105	Barsi Takli ..	5,455	102	94	196	35.93
	(19) Buldana District					
106	Buldana ..	7,504	147	156	303	40.38
107	Khamgaon ..	23,462	519	521	1,040	44.33
108	Malkapur ..	17,565	443	402	845	48.11
109	Shegaon ..	14,699	354	361	715	48.64
110	Jalgaon ..	10,463	213	171	384	36.70
111	Nandura ..	11,212	249	254	503	44.86
112	Chikhli ..	7,041	178	193	371	52.69
113	Mehkar ..	7,009	141	134	275	42.09
114	Deolgaon Raja ..	5,837	159	140	299	51.22
	Total of Towns ..	1,858,004	40,181	37,645	77,826	41.89
	Total of Rural Circles ..	14,851,708	282,602	267,518	550,120	37.04
	Total for the Province ..	16,709,712	322,783	305,163	627,946	37.58

WNS OF THE CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940—*cont.*

Deaths from							
						Suicide and Homicide	
Cholera	Smallpox	Plague	Fevers	Dysentery and diarrhoea	Respiratory diseases	Male	Female
..	..	..	661	134	122	5	..
..	19	..	269	75	39	..	1
1	2	..	193	62	47	2	..
3	35	..	172	19	52	3	4
..	..	..	108	25	8	..	..
..	..	..	155	49	24	..	..
..	..	..	96	20	14	..	..
..	..	..	59	4	53	..	1
..	..	..	42	19	41	2	2
..	..	..	56	16	34	..	1
..	..	..	46	17	23	1	2
..	1	..	57	15	35	..	..
..	1	..	321	55	61	1	1
..	2	..	123	72	71	1	1
..	..	..	245	74	42	1	..
..	..	..	149	32	23	..	..
..	32	..	90	27	13	2	..
..	..	..	68	28	25	1	1
..	..	..	21	16	9	..	1
..	..	..	24	10	24	..	..
383	2,063	64	22,519	4,191	8,722	136	109
4,591	2,544	219	269,414	21,582	35,212	651	585
4,974	4,607	283	291,933	25,773	43,934	787	694

BIRTHS AND DEATHS REGISTERED FROM *DIFFERENT CAUSES* IN THE

Serial No.	Districts and towns	Deaths from: Wounding and accident	Snake-bite	Killed by wild beasts	Rabies	Total	All other causes	Total deaths from all causes
	B.—TOWNS—*cont.*							
	(18) Akola District							
95	Akola ..	17	1	..	1	24	823	1,764
96	Akot ..	..	1	..	..	2	167	571
97	Karanja ..	3	..	..	..	5	217	527
98	Basim ..	3	..	..	..	10	188	479
99	Balapur ..	..	..	..	..	..	101	242
100	Murtizapur ..	3	..	..	..	3	93	324
101	Hiwerkhed ..	2	..	..	..	2	61	193
102	Patur ..	..	..	..	..	1	45	162
103	Wadegaon ..	..	..	..	..	4	48	154
104	Mangrul Pir ..	..	..	..	..	1	57	164
105	Barsi Takli ..	1	..	..	..	4	52	142
	(19) Buldana District							
106	Buldana ..	2	..	..	..	2	97	207
107	Khamgaon ..	4	1	1	..	8	311	757
108	Malkapur ..	4	..	..	..	6	264	538
109	Shegaon ..	4	..	1	2	8	175	544
110	Jalgaon ..	7	..	..	..	1	68	273
111	Nandura ..	1	..	..	..	3	188	353
112	Chikhli ..	1	..	..	..	3	116	240
113	Mehkar ..	..	..	..	..	1	76	123
114	Deolgaon Raja ..	1	..	..	..	1	86	145
	Total of Towns ..	556	34	24	38	897	21,886	60,725
	Total of Rural Circles	2,767	904	202	168	5,277	106,660	445,499
	Total for the Province	3,323	938	226	206	6,174	128,546	506,224

...NS OF THE CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940—*cont.*

Ratio of deaths per 1,000 of population									
								For all causes	
Cholera	Small-pox	Plague	Fevers	Dysentery and diarrhoea	Respiratory diseaes	Injuries	All other causes	For the year	Mean of previous 5 years
..	..	..	13.88	2.81	2.56	0.50	17.28	37.03	38.45
..	1.02	..	14.39	4.01	2.09	0.11	8.93	30.55	34.73
0.06	0.12	..	11.62	3.73	2.83	0.30	13.06	31.72	33.05
0.21	0.43	..	11.94	1.32	3.61	0.69	13.04	33.24	33.35
..	..	..	9.60	2.22	0.71	..	8.99	21.52	22.39
..	..	..	13.43	4.24	2.08	0.26	8.06	28.07	27.33
..	..	..	13.89	2.89	2.02	0.29	8.82	27.91	39.08
..	..	..	8.63	0.59	7.75	0.15	6.58	23.69	38.58
..	..	..	7.04	3.19	6.97	0.67	8.05	25.82	34.45
..	..	..	8.77	2.51	5.32	0.16	8.92	25.68	29.31
..	..	..	8.43	3.12	4.22	0.73	9.53	26.03	33.44
..	0.13	..	7.60	2.00	4.66	0.27	12.92	27.58	26.47
..	0.04	..	13.68	2.34	2.60	0.35	13.25	32.26	34.68
..	0.11	..	7.00	4.10	4.05	0.34	15.03	30.63	36.53
..	..	..	16.67	5.03	2.86	0.54	11.91	37.01	40.24
..	..	..	14.24	3.06	2.20	0.10	6.49	26.09	35.32
..	2.85	..	8.03	2.41	1.16	0.27	16.76	31.48	21.39
..	..	..	9.66	3.98	3.55	0.43	16.47	34.09	27.72
..	..	..	3.00	2.28	1.28	0.14	10.80	17.54	27.71
..	..	..	4.11	1.71	4.11	0.17	14.74	24.84	33.37
0.21	1.11	0.03	12.12	2.26	4.69	0.48	11.78	32.68	34.88
0.31	0.17	0.01	18.14	1.45	2.37	0.36	7.19	30.00	34.79
0.30	0.28	0.02	17.47	1.54	2.63	0.37	7.69	30.30	34.80

DEATHS REGISTERED FROM *SOME SPECIAL DISEASES* REFERRED TO

DATED THE 16

Serial No.	Districts	Malaria		Enteric fever		Measles	
		Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
	A.—RURAL DISTRICTS						
	Nagpur Division						
1	Nagpur ..	1,755	14.59	4	0.01	80	[illegible]
2	Wardha ..	5,001	10.93	129	0.28	36	[illegible]
3	Chanda ..	11,032	14.07	79	0.01	26	[illegible]
4	Chhindwara ..	11,456	11.65	50	0.05	252	[illegible]
5	Betul ..	5,354	12.91	4	0.01	10	[illegible]
	Jubbulpore Division						
6	Jubbulpore ..	13,058	18.64	22	0.03	636	[illegible]
7	Saugor ..	21,981	27.37	67	0.08	387	[illegible]
8	Mandla ..	10,215	20.67	6	0.01	51	[illegible]
9	Hoshangabad ..	17,584	23.28	6	0.01	61	[illegible]
10	Nimar ..	11,195	27.77	..	..	42	[illegible]
	Chhattisgarh Division						
11	Raipur ..	25,577	17.67	..	..	127	[illegible]
12	Bilaspur ..	28,065	18.91	..	..	33	[illegible]
13	Drug ..	19,423	21.67	..	..	136	[illegible]
14	Bhandara ..	13,173	15.07	1	..	33	[illegible]
15	Balaghat ..	12,838	21.29	3	..	58	[illegible]
	Berar Division						
16	Amraoti ..	7,627	2.63	2	..	64	[illegible]
17	Yeotmal ..	11,729	14.03	418	0.50	12	[illegible]
18	Akola ..	8,053	10.82	1	..	25	[illegible]
19	Buldana ..	6,007	8.43	1	..	99	[illegible]
	Total for Rural Circles ..	249,123	16.77	793	0.05	2,168	[illegible]

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Fevers							
Relapsing fever (spirochaetal)		Kala Azar		Influenza		Cerebro-spinal meningitis	
Deaths	Ratio	Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
3	..	..	..	2	..	9	0.01
..	..	2	..	1	..	..	..
..	..	..	..	5	0.01	..	..
2	..	2	..	5	0.01	..	..
..	..	..	..	..	..	..	..
31	0.04	..	..	25	0.04	..	..
175	0.22	3	..	30	0.04	3	..
72	0.15	..	..	11	0.02	..	..
2	..	..	..	7	0.01	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
1	..	2	..	9	..	4	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	1	..
7	0.01	..	..	3	..	..	..
..	..	1	..	2	..	..	..
45	0.05	2	..	..	..	3	..
..	..	..	..	8	0.01	1	..
2	..	..	..	..	..	..	..
340	0.02	12	..	108	0.01	21	..

DEATHS REGISTERED FROM *SOME SPECIAL DISEASES* REFERRED TO IN

DATED THE 16TH

Serial No.	Districts	Fevers—*cont.* Typhus		Blackwater		Undiagnosed	
		Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
	A.—RURAL DISTRICTS—*cont.*						
	Nagpur Division						
1	Nagpur ..	31	0.05	15	0.02	1,227	1.84
2	Wardha ..	338	0.74	5	0.01	40	0.09
3	Chanda ..	9	0.01	..	..	384	0.49
4	Chhindwara ..	3	..	2	..	8,045	8.18
5	Betul ..	..	..	..	..	5	0.01
	Jubbulpore Division						
6	Jubbulpore ..	2	..	6	..	1,744	2.49
7	Saugor ..	21	0.02	1	..	534	0.66
8	Mandla ..	3	..	..	..	136	0.28
9	Hoshangabad ..	..	..	..	..	440	0.58
10	Nimar ..	1	..	..	..	246	0.61
	Chhattisgarh Division						
11	Raipur ..	..	..	..	..	183	0.13
12	Bilaspur ..	23	0.01	4	..	903	0.61
13	Drug ..	2	..	..	..	145	0.16
14	Bhandara ..	2	..	2	..	13	0.01
15	Balaghat ..	9	0.01	9	0.01	2	..
	Berar Division						
16	Amraoti ..	36	0.05	46	0.06	329	0.42
17	Yeotmal ..	218	0.26	1	..	1,497	1.79
18	Akola ..	13	0.02	2	..	170	0.23
19	Buldana ..	..	..	..	..	2	..
	Total for Rural Circles ..	711	0.05	93	0.01	16,045	1.08

Dysentery and Diarrhœa				Respiratory diseases			
Dysentery		Diarrhœa		Pneumonia		Pulmonary tuberculosis	
Deaths	Ratio	Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
33	0.05	540	0.81	236	0.35	18	0.05
11	0.02	1,421	3.11	262	0.57	106	0.23
8	0.01	475	0.61	14	0.02	8	0.01
240	0.24	248	0.25	38	0.04	46	0.05
132	0.32	127	0.30	35	0.08	4	..
314	0.45	917	1.31	77	0.11	20	0.03
121	0.15	425	0.53	161	0.20	106	0.13
118	0.24	209	0.42	24	0.06	21	0.05
299	0.40	509	0.67	20	0.03	97	0.13
41	0.01	153	0.38	85	0.21	10	0.02
571	0.39	692	0.48	26	0.02	28	0.02
1,026	0.69	350	0.23	79	0.05	42	0.03
389	0.43	566	0.63	8	0.01	18	0.02
20	0.02	146	0.17	51	0.06	44	0.05
67	0.11	15	0.02	33	0.05	12	0.02
10	0.01	3,720	4.70	606	0.77	100	0.13
24	0.13	2,167	2.59	139	0.17	87	0.01
5	..	3,494	4.70	265	0.36	28	0.04
45	0.06	1,934	2.71	555	0.78	57	0.80
3,474	0.23	18,108	1.22	2,714	0.18	852	0.06

DEATHS REGISTERED FROM *SOME SPECIAL DISEASES* R FERRED TO IN

DATED THE 16TH

Serial No.	Districts	Respiratory diseases—*cont.* Whooping cough Deaths	Ratio	Other respiratory diseases Deaths	Ratio	Beri-beri Deaths	Ratio
	A.—RURAL DISTRICTS—*cont.*						
	Nagpur Division						
1	Nagpur ..	343	0.51	766	1.14	25	0.04
2	Wardha ..	278	0.61	804	1.76	..	..
3	Chanda ..	85	0.11	427	0.54	..	..
4	Chhindwara ..	35	0.03	1,432	1.46	1	..
5	Betul ..	68	0.16	1,902	4.59	1	..
	Jubbulpore Division						
6	Jubbulpore ..	10	0.01	7,698	9.70	..	..
7	Saugor ..	25	0.03	4,000	4.98	3	..
8	Mandla ..	30	0.06	388	0.78	..	..
9	Hoshangabad ..	53	0.07	550	0.73	..	..
10	Nimar ..	67	0.17	1,523	3.78	..	..
	Chhattisgarh Division						
11	Raipur ..	298	0.21	878	0.61	..	..
12	Bilaspur ..	113	0.08	840	0.57	3	..
13	Drug ..	76	0.08	447	0.50	..	..
14	Bhandara ..	80	0.09	405	0.46	..	..
15	Balaghat ..	45	0.07	95	0.16	..	..
	Berar Division						
16	Amraoti ..	343	0.43	1,370	1.73	18	0.02
17	Yeotmal ..	210	0.25	1,146	1.37	..	..
18	Akola ..	233	0.31	2,042	2.44	..	..
19	Buldana ..	186	0.25	2,355	3.30	..	..
	Total for Rural Circles ..	2,578	0.17	29,068	1.96	51	..

Other causes									
Acute poliomyelitis		Diphtheria		Chickenpox		Mumps		Tuberculosis of joint	
Deaths	Ratio	Deaths	Ratio	Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
..	..	3	..	93	0.14	6	..	36	0.05
..	..	1	..	16	0.03	1	..	63	0.14
..	..	3	..	26	0.03	1	..	6	..
..	..	1	..	103	0.11	2	..	42	0.02
..	..	1	..	48	0.12	3	..	16	0.04
6	..	..	..	185	0.26	6	..	28	0.04
..	..	3	..	61	0.07	4	..	218	0.27
..	..	..	..	13	0.03	1	..	14	0.03
..	..	2	..	4	..	2	..	32	0.04
..	..	..	..	8	0.02	7	0.02	15	0.04
..	..	..	..	179	0.12	..	..	24	0.02
4	..	5	..	31	0.03	3	..	53	0.04
..	..	..	..	71	0.08	..	..	6	..
..	..	1	..	50	0.06	4	..	23	0.03
..	..	4	..	7	0.01	1	..	12	0.02
..	..	1	..	38	0.05	3	..	130	0.16
..	..	6	..	7	..	1	..	37	0.04
..	..	1	..	8	0.01	8	0·01	93	0.12
..	..	..	..	6	..	..	..	73	0.10
10	..	32	..	954	0.06	53	..	921	0.05

DEATHS REGISTERED FROM *SOME SPECIAL DISEASES* REFERRED TO IN

DATED THE 16TH

Serial No.	Districts	Other causes—*cont.* Other Tubercular diseases Deaths	Ratio	Leprosy Deaths	Ratio	Cancer Deaths	Ratio
	A.— RURAL DISTRICTS—*cont.*						
	Nagpur Division						
1	Nagpur ..	134	0.02	18	0.03	5	..
2	Wardha ..	173	0.38	29	0.06	1	..
3	Chanda ..	67	0.08	53	0.07	1	..
4	Chhindwara ..	76	0.08	2	..	..	..
5	Betul ..	17	0.04	..	..	2	..
	Jubbulpore Division						
6	Jubbulpore ..	101	0.14	1	..	..	..
7	Saugor ..	291	0.36	2	..	4	..
8	Mandla ..	47	0.09	..	..	..	..
9	Hoshangabad ..	88	0.12	1	..	..	..
10	Nimar ..	29	0.07	9	0.02	..	..
	Chhattisgarh Division						
11	Raipur ..	65	0.04	62	0.04	..	..
12	Bilaspur ..	203	0.14	23	0.02	5	..
13	Drug ..	9	0.01	73	0.08	1	..
14	Bhandara ..	110	0.13	3	..	1	..
15	Balaghat ..	48	0.08	3	..	..	..
	Berar Division						
16	Amraoti ..	288	0.36	54	0.07	11	0.01
17	Yeotmal ..	213	0.25	47	0.06	1	..
18	Akola ..	161	0.22	26	0.03	7	0.01
19	Buldana ..	201	0.28	23	0.03	..	..
	Total for Rural Circles ..	2,321	0.16	429	0.03	39	..

Deaths from childbirth		Deaths under one year			Infantile mortality rate per 1,000 of births
Deaths	Ratio	Male	Female	Total	
139	5.73	3,371	2,788	6,159	254.56
136	8.44	2,236	1,840	4,076	254.48
214	7.16	3,219	2,900	6,119	205.97
172	5.02	3,993	3,306	7,299	216.75
93	5.34	2,026	1,631	3,657	210.68
194	6.52	4,192	3,809	8,001	273.50
144	4.25	4,391	3,761	8,152	242.75
120	6.85	1,609	1,598	3,207	188.94
92	3.00	4,257	3,656	7,913	260.74
82	3.91	2,958	2,196	5,154	248.07
418	7.88	5,637	4,770	10,407	208.24
396	7.24	5,941	5,088	11,029	211.46
296	7.86	4,406	3,738	8,144	229.34
140	4.39	3,776	3,101	6,877	216.00
88	4.38	2,321	1,772	4,093	205.29
372	13.07	3,502	2,791	6,293	225.59
293	10.11	3,289	2,615	5,904	213.17
395	14.64	3,241	2,582	5,823	220.15
325	11.67	2,858	2,337	5,195	194.03
4,109	7.28	67,223	56,279	123,502	224.50

DEATHS REGISTERED FROM *SOME SPECIAL DISEASES* REFERRED TO IN

DATED THE 16TH

Serial No.	Districts	Malaria Deaths	Malaria Ratio	Enteric fevers Deaths	Enteric fevers Ratio	Measles Deaths	Measles Ratio
	B.—TOWNS						
	(1) Nagpur District						
1	Nagpur ..	383	1.78	188	0.87	125	0.58
2	Kamptee ..	252	9.57	..	..	54	2.05
3	Umrer ..	157	8.76	..	..	2	0.11
4	Katol ..	25	2.29	..	..	7	0.64
5	Ramtek ..	119	13.31	..	..	7	0.78
6	Khapa ..	59	7.20	..	..	15	1.83
7	Narkhed ..	71	8.72	2	0.24	..	..
8	Saoner ..	83	10.42	2	0.25	1	0.12
9	Kalmeshwar ..	55	11.75	..	..	2	0.43
10	Mowar ..	30	5.76	..	..	4	0.77
11	Kelod ..	123	23.84	3	0.58	9	1.74
12	Mohpa ..	115	24.17	..	..	..	..
	(2) Wardha District						
13	Wardha ..	208	10.63	2	0.10	2	0.10
14	Hinganghat ..	129	5.71	..	..	5	0.22
15	Arvi ..	150	9.21	2	0.12	1	0.06
16	Pulgaon ..	57	7.26	2	0.25	2	0.25
17	Deoli ..	34	5.48	5	0.80	..	..
18	Ashti ..	48	8.16	..	..	..	..
19	Sindi ..	27	3.92	..	..	..	..
	(3) Chanda District						
20	Chanda ..	328	11.65	24	0.85	..	..
21	Warora ..	159	16.20	18	1.83	..	..
22	Armori ..	44	6.75	..	..	..	..
23	Kawargaon ..	80	15.01	..	..	..	..
24	Brahmapuri ..	44	8.43	1	0.19	..	..
25	Chimur ..	88	18.15	2	0.41	..	..
26	Ballarpur ..	58	10.09	3	0.52	3	0.52
	(4) Chhindwara District						
27	Chhindwara ..	122	7.14	..	..	..	..
28	Pandhurna ..	141	12.18	..	..	38	3.28
29	Sausar ..	62	10.47	..	..	2	0.34
30	Seoni ..	23	1.43	14	0.87	5	0.31
	(5) Betul District						
31	Betul ..	139	14.45	1	0.10	3	0.31
32	Betul Bazar ..	42	7.81	..	..	..	..

Relapsing fever (spirochaetal)		Kala Azar		Influenza		Cerebro-spinal meningitis	
Deaths	Ratio	Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
..	..	..	..	..	..	8	0.04
..	..	..	..	..	..	1	0.04
..	..	..	..	..	..	..	..
1	0.09	..	..	1	0.09	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
1	0.05	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
8	0.50	..	..	..	..	..	..
..	..	..	..	..	..	1	0.10
..	..	..	..	..	..	..	..

DEATHS REGISTERED FROM *SOME SPECIAL DISEASES* REFERRED TO IN

DATED THE 16TH

Serial No.	Districts	Fevers—*cont.* Typhus Deaths	Typhus Ratio	Blackwater Deaths	Blackwater Ratio	Undiagnosed Deaths	Undiagnosed Ratio
	B.—TOWNS—*cont.*						
	(1) Nagpur District						
1	Nagpur	1	..	..	..	1,902	8.84
2	Kamptee	..	..	..	..	..	..
3	Umrer	..	..	..	..	3	0.17
4	Katol	1	0.09	..	..	106	9.72
5	Ramtek	1	0.11	..	..	..	..
6	Khapa	..	..	..	..	..	..
7	Narkhed	..	..	4	0.49	2	0.25
8	Saoner	..	..	..	..	..	..
9	Kalmeshwar	..	..	..	..	..	..
10	Mowar	..	..	..	..	..	..
11	Kelod	..	..	..	..	..	..
12	Mohpa	..	..	..	..	..	..
	(2) Wardha District						
13	Wardha	19	0.97	..	..	..	..
14	Hinganghat	33	1.46	3	0.13	..	..
15	Arvi	11	0.67	..	..	3	0.18
16	Pulgaon	..	..	..	..	..	..
17	Deoli	..	..	..	..	..	..
18	Ashti	..	..	..	..	..	..
19	Sindi	1	..	..	..	..	..
	(3) Chanda District						
20	Chanda	..	..	..	..	4	0.14
21	Warora	..	..	..	..	..	..
22	Armori	3	0.45	..	..	38	5.82
23	Nawargaon	..	..	..	..	..	..
24	Brahmapuri	..	..	..	..	..	..
25	Chimur	..	..	..	..	..	..
26	Ballarpur	..	..	..	..	..	..
	(4) Chhindwara District						
27	Chhindwara	2	0.12	..	..	1	0.06
28	Pandhurna	1	0.90	..	..	13	1.12
29	Sausar	1	0.17	..	..	8	1.35
30	Seoni	..	..	..	..	85	5.29
	(5) Betul District						
31	Betul	..	..	..	..	..	..
32	Betul Bazar	..	..	..	..	..	..

Dysentery and Diarrhoea				Respiratory Diseases			
Dysentery		Diarrhoea		Pneumonia		Pulmonary tuberculosis	
Deaths	Ratio	Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
120	0.56	357	1.66	795	3.69	249	1.16
16	0.60	8	0.30	4	0.15	..	..
4	0.22	17	0.95	1	0.60	..	..
..	..	13	1.19	7	0.64	2	0.18
..	..	12	1.34	6	0.67	..	..
2	0·24	12	1.46	..	..	..	..
1	0.12	9	1.10	13	1.60	1	0.12
1	0.13	19	2.38	2	0.25	1	0.13
1	0.21	5	1.07	..	..	..	..
1	0.19	15	2.88	..	..	1	0.19
..	..	..	..	..	..	..	..
..	..	2	0.42	..	..	..	..
..	..	56	2.86	16	0.82	6	0.82
..	..	101	4.47	39	1.72	2	0.09
..	..	61	3.47	6	0.36	..	..
..	..	25	3.19	3	0.38	..	..
3	0.48	7	1.13	..	..	..	..
..	..	24	4.08	..	..	..	..
2	0.29	16	2.32	7	1.02	10	1.45
..	..	49	1.74	1	0.03	..	..
1	0.01	17	1.73	8	0.82	..	..
..	..	12	1.84	..	..	..	..
..	..	..	..	..	..	1	0.18
..	..	2	0.38	..	..	1	0.19
..	..	1	0.21	..	..	..	..
12	2.09	7	1.22	2	0.35	..	..
13	0.76	16	0.93	26	1.52	20	1.17
6	0.52	21	1.81	..	..	..	..
1	0.17	8	1.35	9	1.52	..	..
8	0.50	16	0.99	21	1.30	29	1.80
1	0.10	5	0.52	33	3.43	1	0.10
..	..	..	..	11	2.04	..	..

DEATHS REGISTERED FROM *SOME SPECIAL DISEASES* REFERRED TO IN

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Serial No.	Districts	Respiratory diseases—*cont.* Whooping cough		Other respiratory diseases		Beri-beri	
		Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
	B.—TOWNS—*cont.*						
	(1) Nagpur District						
1	Nagpur ..	42	0.19	885	4.11	..	..
2	Kamptee ..	19	0.72	8	0.30	..	..
3	Umrer ..	8	0.45	28	1.56	..	..
4	Katol ..	5	0.46	22	2.02	4	0.36
5	Ramtek ..	21	2.35	19	2.12	..	..
6	Khapa ..	2	0.24	5	0.67	..	..
7	Narkhed ..	2	0.24	25	3.07	..	..
8	Saoner ..	3	0.38	12	1.50	..	..
9	Kalmeshwar ..	6	1.28	5	1.07	..	..
10	Mowar ..	1	0.19	28	5.38	..	..
11	Kelod ..	..	..	..	..	..	..
12	Mohpa ..	2	0.42	2	0.42	..	..
	(2) Wardha District						
13	Wardha ..	4	0.20	40	2.04	..	..
14	Hinganghat ..	14	0.62	28	1.24	..	..
15	Arvi ..	12	0.74	37	2.27	..	..
16	Pulgaon ..	..	..	13	1.66	..	..
17	Deoli ..	..	..	11	1.77	..	..
18	Ashti ..	..	..	16	2.72	..	..
19	Sindi ..	11	1.60	10	1.45	..	..
	(3) Chanda District						
20	Chanda ..	..	..	83	2.95	..	..
21	Warora ..	..	..	8	0.81	..	..
22	Armori ..	..	..	11	1.69	..	..
23	Nawargaon ..	..	..	..	..	..	..
24	Brahmapuri ..	7	1.34	1	0.19	..	..
25	Chimur ..	..	..	..	..	..	..
26	Ballarpur ..	2	0.34	28	4.88	..	..
	(4) Chhindwara District						
27	Chhindwara ..	7	0.41	39	2.28	..	..
28	Pandhurna ..	1	0.09	43	3.71	..	
29	Sausar ..	..	..	17	2.87	..	..
30	Seoni ..	4	0.25	27	1.68	..	..
	(5) Betul District						
31	Betul ..	..	..	20	2.08	..	..
32	Betul Bazar ..	..	..	17	3.16	..	..

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LY 1919—*cont.*

Other causes							
Acute Poliomyelitis		Diphtheria		Chickenpox		Mumps	
Deaths	Ratio	Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
..	..	1	..	79	0.37	1	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	3	0.27	3	0·27
..	..	..	..	2	0.22	1	0,11
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	8	1.67	..	..
..	..	..	..	..	..	..	..
..	..	1	0.04	17	0.75	..	..
..	..	..	..	1	0 06	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	1	0.15	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	45	2.63	..	..
..	..	..	..	3	0.26	..	..
..	..	..	..	1	0.17	..	..
..	..	..	..	..	..	..	..
..	..	1	0.10	..	..	..	..
..	..	..	..	..	..	..	..

DEATHS REGISTERED FROM *SOME SPECIAL DISEASES* REFERRED TO IN

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Serial No.	Districts	Tuberculosis of joints		Other tubercular diseases		Other causes — Leprosy	
		Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
	B.—TOWNS—*cont.*						
	(1) Nagpur District						
1	Nagpur	16	0.07	149	0.69	1	..
2	Kamptee	..	..	18	3.68	..	..
3	Umrer	3	0.17	1	0.06	3	0.17
4	Katol	1	0.09	12	1.10	..	..
5	Ramtek	..	..	5	0.56	..	..
6	Khapa	..	..	4	0.49	..	..
7	Narkhed	1	0.12	8	0.98	..	..
8	Saoner	1	0.12	7	0.88	1	0.12
9	Kalmeshwar	..	..	3	0.64	1	0.21
10	Mowar	3	0.58	2	0.38	..	..
11	Kelod	..	..	..	..	..	..
12	Mohpa	..	..	..	..	..	..
	(2) Wardha District						
13	Wardha	5	0.25	23	1.17	1	..
14	Hinganghat	5	0.22	5	0.22	..	..
15	Arvi	10	0.61	4	0.24	..	..
16	Pulgaon	1	0.13	2	0.25	..	..
17	Deoli	1	0.16	2	0.32	..	..
18	Ashti	3	0.51	4	0.68	1	0.17
19	Sindi	..	..	3	0.43	..	..
	(3) Chanda District						
20	Chanda	..	..	28	0.99	1	0.03
21	Warora	..	..	8	0.82	1	0.01
22	Armori	..	..	8	1.23	..	..
23	Nawargaon	1	0.19	..	..	..	..
24	Brahmapuri	..	..	..	..	..	..
25	Chimur	5	1.03	..	..	..	..
26	Ballarpur	..	..	2	0.03	..	..
	(4) Chhindwara District						
27	Chhindwara	..	..	..	..	..	..
28	Pandhurna	1	0.08	..	..	1	0.08
29	Sausar	..	..	2	0.34	2	0.34
30	Seoni	..	..	10	0.62	..	..
	(5) Betul District						
31	Betul	..	..	2	0.21	..	..
32	Betul Bazar	1	0.18	1	0.18	..	..

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Cancer Deaths	Cancer Ratio	Deaths from child-birth: Deaths	Deaths from child-birth: Ratio	Deaths under one year: Male	Deaths under one year: Female	Deaths under one year: Total	Infantile mortality rate per 1,000 of births
101	0.47	64	3.85	1,914	1,529	3,443	294.60
1	0.04	4	4.56	120	103	223	257.21
..	..	7	8.63	104	85	189	235.66
..	..	3	6.25	76	54	130	270.83
..	..	3	6.01	64	70	134	269.62
..	..	..	..	47	47	94	319.73
..	..	1	3.13	35	25	60	188.09
..	..	3	10.56	40	25	65	230.50
..	..	..	..	24	17	41	179.82
..	..	..	..	40	19	59	275.70
..	..	1	4.69	24	31	55	258.22
..	..	1	4.71	27	31	58	276.19
..	..	12	11.70	124	86	210	212.12
..	..	6	6.94	110	105	215	251.17
..	..	5	7.85	81	64	145	232.37
..	..	2	6.51	44	28	72	240.00
..	..	9	39.82	30	14	44	196.43
..	..	2	8.89	30	17	47	208.88
..	..	..	..	24	16	40	175.44
..	..	28	21.82	162	124	286	228.25
..	..	4	10.18	40	34	74	18[illegible].26
..	..	2	6.62	36	29	65	215.[illegible]3
..	..	1	6.76	13	16	29	1[illegible]5.95
..	..	4	14.18	26	27	53	188.61
..	..	3	13.15	25	25	50	224.22
..	..	7	37.04	30	29	59	317.20
..	..	..	..	121	111	232	284.31
..	..	2	7.32	70	59	129	243.40
..	..	2	7.04	31	27	58	207.14
..	..	1	1.22	90	66	156	196.49
..	..	3	6.98	48	4[illegible]	90	210.77
..	..	1	4.34	21	18	39	168.83

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DEATHS REGISTERED FROM *SOME SPECIAL DISEASES* REFERRED TO IN

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Serial No.	Districts	Malaria		Enteric fevers		Measles	
		Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
	B.—TOWNS—*cont.*						
	(6) Jubbulpore District						
33	Jubbulpore ..	160	1.53	..	..	182	1.75
34	Jubbulpore Cantonment ..	32	1.59	2	0.10	4	0.20
35	Murwara ..	216	9.84	..	..	..	..
36	Sihora ..	82	14.23	..	..	9	1.56
	(7) Saugor District						
37	Saugor ..	642	16.67	22	0.57	63	1.64
38	Saugor Cantonment ..	150	14.50	1	0.10	4	0.39
39	Etawah ..	93	8.57	2	0.18	6	0.55
40	Khurai ..	140	20.14	2	0.29	..	..
41	Garhakota ..	127	15.41	..	..	4	0.49
42	Deori ..	49	8.69	6	1.06	1	0.18
43	Damoh ..	223	10.76	..	..	49	2.36
	(8) Mandla District						
44	Mandla ..	85	10.63	1	0.13	8	1.00
	(9) Hoshangabad District						
45	Hoshangabad ..	253	24.00	2	0.16	7	0.56
46	Harda ..	191	11.91	..	..	..	..
47	Sohagpur ..	92	11.30	4	0.49	2	0.25
48	Itarsi ..	137	11.62	..	..	1	0.08
49	Seoni-Malwa ..	82	12.79	2	0.31	..	..
50	Pachmarhi ..	82	13.36	..	..	1	0.16
51	Piparia ..	34	8.57	..	..	..	..
52	Narsinghpur ..	86	7.76	11	0.99	5	0.45
53	Gadarwara ..	102	11.24	1	0.11	37	4.07
54	Chhota-Chhindwara ..	85	23.13	..	..	14	3.81
55	Kareliganj ..	113	48.81	..	..	..	..
	(10) Nimar District						
56	Khandwa ..	360	10.40	9	0.26	13	0.38
57	Burhanpur ..	728	16.52	13	0.30	49	1.11
	(11) Raipur District						
58	Raipur ..	558	12.29	..	..	17	0.37
59	Dhamtari ..	135	11.73	..	..	2	0.17
60	Bhatapara ..	96	14.78	..	..	1	0.15
61	Arang ..	153	19.19	..	..	1	0.13

Fevers							
Relapsing fever (spirochaetal)		Kala Azar		Influenza		Cerebro-spinal meningitis	
Deaths	Ratio	Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
3	0.03	..	..	143	1.37	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	41	1.06	1	0.03
..	..	..	..	13	1.26	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
5	0.89	..	..	..	..	..	..
..	..	..	..	..	..	..	
..	..	..	..	..	..	..	
..	..	..	..	4	0.32	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
1	0.16	..	..	2	0.33	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	1	0.11	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	1	0.03
..	..	..	..	..	..	..	..
1	0.02	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..

DEATHS REGISTERED FROM *SOME SPECIAL DISEASES* REFERRED TO IN

DATED THE 16TH

Serial No.	Districts	Fevers—*cont.* Typhus		Blackwater		Undiagnosed fever	
		Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
	B.—TOWNS—*cont.*						
	(6) Jubbulpore District						
33	Jubbulpore	..	..	16	0.15	595	5.70
34	Jubbulpore Cantonment	..	..	..	..	20	1.00
35	Murwara	1	0.04	..	..	1	0.05
36	Sihora	..	..	..	..	3	0.52
	(7) Saugor District						
37	Saugor	4	0·10	..	..	..	..
38	Saugor Cantonment	..	..	..	..	..	..
39	Etawah	1	0.09	..	..	..	..
40	Khurai	16	0.86	..	..	6	0.86
41	Garhakota	2	0.24	..	..	1	0.12
42	Deori	..	..	..	..	26	4.61
43	Damoh	..	..	..	..	43	2.07
	(8) Mandla District						
44	Mandla	..	..	..	..	14	1.75
	(9) Hoshangabad District						
45	Hoshangabad	2	0.17	..	..	5	0.41
46	Harda	..	..	..	..	..	..
47	Sohagpur	..	..	..	..	3	0.37
48	Itarsi	..	..	..	..	15	1.27
49	Seoni-Malwa	..	..	..	..	25	3.90
50	Pachmarhi	..	..	..	..	..	..
51	Piparia	..	..	..	..	1	0.25
52	Narsinghpur	..	..	..	..	45	4.06
53	Gadarwara	..	..	..	..	7	0.77
54	Chhota-Chhindwara	..	..	..	..	..	..
55	Kareliganj	..	..	..	..	..	..
	(10) Nimar District						
55	Khandwa	1	0.03	..	..	232	6.70
57	Burhanpur	..	..	..	..	192	4.36
	(11) Raipur District						
58	Raipur	..		..	..	1	20 0
59	Dhamtari	..	..	..	..	..	..
60	Bhatapara	..	..	..	..	..	..
61	Arang	..	..	..	..	..	..

Dysentery and diarrhoea				Respiratory diseases			
Dysentery		Diarrhoea		Pneumonia		Pulmonary tuberculosis	
Deaths	Ratio	Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
86	0.82	232	2.22	44	0.42	2	0.02
3	0.15	2	0.10	1	0.05	1	0.05
12	0.55	92	4.18	32	1.46	11	0.50
1	0.17	14	2.43	5	0.86	..	..
8	0.21	94	2.44	19	0.49	1	0.03
3	0.29	18	1.74	5	0.48		..
5	0.46	7	0.65	..	..	..	..
7	1.01	12	1.73	..	..	..	
4	0.49	9	1.09	..	..	5	0·61
1	0.18	11	1.95	1	0.18	1	0.18
5	0.24	76	3.67	67	3.23	12	0.58
6	0.75	20	2.50	8	1.00	6	0.75
6	0.49	24	1.94	2	0.16	2	0.16
8	0.50	49	3.06	..	..	2	0.12
1	0.12	16	1.97	4	0.49	4	0.19
4	0.34	13	1.10	7	0.59	..	..
2	0.31	7	1.09	2	0.31	..	..
3	0.49	6	0.98	6	0.98	..	..
1	0.25	10	2.52	..	..	..	..
2	0.18	27	2.44	10	0.90	8	0.72
16	1.76	4	0.44	2	0.22	2	0.22
11	3.00	4	1.09	..	..	1	0.27
10	4.32	8	3.66	..	..	15	6.48
23	0.66	50	1.44	88	2.54	21	0.61
15	0.34	56	1.27	6	0.14	12	0.27
49	1.08	89	1.96	10	0.22	11	0.24
8	0.70	20	1.74	..	..	1	0.09
7	1.08	8	1.23	..	..	2	0.31
3	0.38	9	1.13	..	..	1	0.13

DEATHS REGISTERED FROM *SOME SPECIAL DISEASES* REFERRED TO IN

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Serial No.	Districts	Respiratory diseases—*cont.* Whooping cough Deaths	Whooping cough Ratio	Other respiratory diseases Deaths	Other respiratory diseases Ratio	Beri-beri Deaths	Beri-beri Ratio
	B.—TOWNS—*cont.*						
	(6) Jubbulpore District						
33	Jubbulpore	5	0.05	1,743	16.71	..	..
34	Jubbulpore Cantonment	..	..	27	1.35	..	..
35	Murwara	4	0.18	194	8.84	..	..
36	Sihora	..	..	98	17.00	..	..
	(7) Saugor District						
37	Saugor	2	0.05	326	8.46	..	..
38	Saugor Cantonment	..	..	18	1.74	..	..
39	Etawah	..	..	25	2.30	..	..
40	Khurai	..	..	78	11.22	15	2.16
41	Garhakota	..	..	59	7.16	..	..
42	Deori	..	..	63	11.17	..	..
43	Damoh	1	0.05	84	4.05	..	..
	(8) Mandla District						
44	Mandla	1	0.13	10	1.25	..	..
	(9) Hoshangabad District						
45	Hoshangabad	..	..	15	1.22	..	..
46	Harda	..	..	40	2.50	..	..
47	Sohagpur	..	..	5	0.61	..	..
48	Itarsi	1	0.08	18	1.53	..	..
49	Seoni-Malwa	1	0.16	4	0.62	..	..
50	Pachmarhi	3	0.49	..	..	..	..
51	Piparia	..	..	7	4.76	..	..
52	Narsinghpur	1	0.09	23	2.08	..	..
53	Gadarwara	3	0.33	18	1.98	..	..
54	Chhota-Chhindwara	3	0.81	14	3.81	..	..
55	Kareliganj	1	0.43	..	..	..	..
	(10) Nimar District						
56	Khandwa	1	0.03	131	3.78	..	..
57	Burhanpur	24	0.54	193	4.38	..	..
	(11) Raipur District						
58	Raipur	7	0.15	93	2.05	..	..
59	Dhamtari	8	0.70	8	0.70	..	..
60	Bhatapara	1	0.15	7	1.08	..	..
61	Arang	3	0.38	3	0.38	..	..

Other causes							
Acute Poliomyelitis		Diphtheria		Chickenpox		Mumps	
Deaths	Ratio	Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
..	..	1	0.01	5	0.05	..	..
..	..	..	..	..	..	..	..
..	..	..	..	15	0.68	..	..
..	..	..	..	3	0.52	..	..
..	..	..	..	2	0.05	..	..
..	..	..	..	..	..	..	..
..	..	..	..	18	1.66	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	4	0.71	..	..
..	..	..	..	..	..	..	..
..	..	2	0.25	..	..	..	..
1	0.08	1	0.08	4	0.32	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	2	0.33	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	1	0.27	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	6	0.13	..	..
..	..	..	..	3	0.26	..	..
..	..	..	..	..	..	..	..
..	..	..	..	14	1.76	..	..

DEATHS REGISTERED FROM *SOME SPECIAL DISEASES* REFERRED TO IN

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Serial No.	Districts	Tuberculosis of joints		Other tubercular diseases		Other: Leprosy	
		Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
	B.—TOWNS—*cont.*						
	(6) Jubbulpore District						
33	Jubbulpore ..	11	0.11	10	0.58	..	..
34	Jubbulpore Cantonment ..	1	0.05	17	0.85	..	..
35	Murwara ..	5	0.23	17	0.77	..	..
36	Sihora ..	3	0.52	9	1.56	..	..
	(7) Saugor District						
37	Saugor ..	1	0.03	4	0.10	..	..
38	Saugor Cantonment ..	..	..	..	..	..	..
39	Etawah ..	1	0.09	..	..	..	..
40	Khurai ..	..	..	..	..	..	..
41	Garhakota ..	1	0.12	2	0.24	..	..
42	Deori ..	..	..	10	1.77	..	..
43	Damoh ..	13	0.63	20	0.96	..	..
	(8) Mandla District						
44	Mandla ..	1	0.13	11	1.38	..	..
	(9) Hoshangabad District						
45	Hoshangabad ..	4	0.32	12	0.97	..	..
46	Harda ..	..	..	7	0.44	..	..
47	Sohagpur ..	1	0.12	5	0.61	..	..
48	Itarsi ..	7	0.59	4	0.34	..	..
49	Seoni-Malwa ..	..	..	6	0.94	..	..
50	Pachmarhi ..	1	0.16	..	..	..	..
51	Piparia ..	..	..	1	0.25	..	..
52	Narsinghpur ..	1	0.09	..	..	..	..
53	Gadarwara ..	3	0.33	7	0.77	..	..
54	Chhota-Chhindwara ..	..	..	5	1.36	..	..
55	Kareliganj ..	1	0.43	1	0.43	..	..
	(10) Nimar District						
56	Khandwa ..	3	0.09	34	0.98	..	..
57	Burhanpur ..	8	0.18	39	0.89	..	..
	(11) Raipur District						
58	Raipur ..	3	0.07	9	0.20	..	..
59	Dhamtari ..	1	0.09	1	0.09	..	..
60	Bhatapara ..	..	..	2	0.31	..	..
61	Arang ..	..	..	..	..	..	..

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causes—*cont.*

Cancer		Deaths from child-birth		Deaths under one year			Infant mortality rate per 1,000 of births
Deaths	Ratio	Deaths	Ratio	Male	Female	Total	
..	..	54	8.67	812	754	1,5[illegible]	253.97
..	..	3	23.07	21	19	40	314.96
..	..	10	10.60	104	124	228	242.55
..	..	4	11.20	51	40	91	260.00
..	..	21	8.99	332	267	599	258.08
..	..	3	6.90	60	42	102	240.57
..	..	3	10.31	27	30	57	199.30
..	..	..	..	43	31	74	195.77
..	..	2	5.00	42	39	81	212.60
1	0.18	1	2.92	26	34	60	175.95
..	..	3	2.87	178	136	314	302.50
..	..	2	4.77	56	53	109	265.85
..	..	10	17.24	94	64	154	270.65
..	..	5	7.23	88	67	155	226.28
..	..	2	5.87	33	38	71	210.68
..	..	1	2.20	65	50	115	255.56
..	..	..	..	35	32	67	220.39
..	..	..	..	22	13	35	259.26
..	..	1	5.99	17	8	25	150.60
..	..	4	9.03	53	46	99	232.94
..	..	..	..	67	49	116	314.36
..	..	1	4.10	24	28	52	313.99
..	..	1	4.11	35	34	69	283.95
1	0.03	11	5.96	235	189	424	242.15
..	..	22	9.18	267	248	515	218.04
..	..	27	13.60	222	242	464	238.93
..	..	7	13.54	60	39	99	198.80
..	..	4	15.75	41	12	53	226.50
..	..	10	31.06	53	30	83	266.03

DEATHS REGISTERED FROM *SOME SPECIAL DISEASES* REFERRED TO IN

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Serial No.	Districts	Malaria Deaths	Malaria Ratio	Enteric fevers Deaths	Enteric fevers Ratio	Measles Deaths	Measles Ratio
	B.—TOWNS—*cont.*						
	(12) Bilaspur District						
62	Bilaspur ..	288	9.18	..	..	1	0.03
63	Mungeli ..	158	23.71	..	..	..	..
64	Champa ..	309	36.95	..	..	..	..
	(13) Drug District						
65	Drug ..	208	15.79	..	..	4	0.30
	(14) Bhandara District						
66	Bhandara ..	226	13.50	..	..	..	..
67	Gondia ..	216	14.44	..	..	4	0.27
68	Paoni ..	145	11.58	..	..	18	1.44
69	Tumsar ..	61	6.07	..	..	1	0.10
	(15) Balaghat District						
70	Balaghat ..	65	6.77	..	..	..	..
	(16) Amraoti District						
71	Amraoti ..	42	0.90	..	..	44	0.94
72	Amraoti Camp ..	74	7.21	..	..	2	0.19
73	Ellichpur ..	184	6.44	..	..	5	0.17
74	Badnera ..	141	10.32	..	..	..	..
75	Anjangaon ..	126	10.87	..	..	1	0.09
76	Dattapur ..	42	4.25	..	..	..	..
77	Paratwada ..	60	6.12	..	..	13	1.33
78	Morsi ..	68	7.14	..	..	..	..
79	Warud ..	71	7.09	..	..	..	..
80	Karajgaon ..	97	14.15	..	..	..	..
81	Sirasgaon ..	114	16.57	..	..	..	..
82	Daryapur ..	115	13.44	..	..	2	0.23
83	Chandur Bazar ..	47	8.10	..	..	2	0.35
84	Pathrot ..	60	11.50	..	..	..	.
85	Chandur Railway ..	42	5.92	..	..	..	..
86	Srndurjana ..	35	5.41	..	..	..	..
	(17) Yeotmal District						
87	Yeotmal ..	242	11.54	47	2.24	..	..
88	Digras ..	14	1.49	..	..	..	..
89	Pusad ..	162	16.42	..	..	2	0.20
90	Darwha ..	13	1.35	..	..	..	..
91	Wun ..	20	1.59	..	..	..	..
92	Umerkhed ..	79	9.93	..	..	..	..
93	Panderkaora ..	88	11.61	[illegible]0	2.64	..	..
94	Ghatanji ..	52	13.01	[illegible]	3.26	..	..

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Fevers							
Relapsing fever (spirochaetal)		Kala Azar		Influenza		Cerebro-spinal meningitis	
Deaths	Ratio	Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
..	..	..	..	2	0.06	..	..
..	..	..	..	2	0.30	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	3	0.18	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
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..	..	..	..	..	..	..	..

DEATHS REGISTERED FROM *SOME SPECIAL DISEASES* REFERRED TO IN

DATED THE 16TH

Serial No.	Districts	Fevers—*cont.* Typhus		Blackwater		Undiagnosed fever	
		Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
	B.—TOWNS—*cont.*						
	(12) Bilaspur District						
62	Bilaspur	3	0.10	..	..	..	.
63	Mungeli	1	0.15	..	..	..	..
64	Champa	2	0.24	..	..	..	..
	(13) Drug District						
65	Drug	..	..	..	..	..	..
	(14) Bhandara District						
66	Bhandara	..	..	..	..	..	..
67	Gondia	..	..	..	..	1	0.07
68	Paoni	..	..	..	..	..	..
69	Tumsar	..	..	..	..	..	..
	(15) Balaghat District						
70	Balaghat	..	..	..	..	..	..
	(16) Amraoti District						
71	Amraoti	3	0.06	..	..	704	15.03
72	Amraoti Camp	..	..	..	..	7	0.68
73	Ellichpur	..	..	..	..	1	0.03
74	Badnera	2	0.15	3	0.22	..	..
75	Anjangaon	1	0.09	..	..	9	0.78
76	Dattapur	..	..	..	..	..	..
77	Paratwada	1	0.10	..	..	59	6.02
78	Morsi	..	..	..	..	1	0.10
79	Warud	..	..	..	..	..	..
80	Karajgaon	..	..	..	..	..	..
81	Sirasgaon	..	..	..	..	..	..
82	Daryapur	..	..	..	..	2	0.33
83	Chandur Bazar	2	0.35	..	..	6	1.03
84	Pathrot	..	..	..	..	2	0.38
85	Chandur Railway	..	..	2	0.28	..	..
86	Sendurjana	1	0.15	..	..	..	..
	(17) Yeotmal District						
87	Yeotmal	..	..	..	..	..	..
88	Digras	..	..	..	..	90	9.58
89	Pusad	..	..	..	..	..	..
90	Darwha	..	..	..	..	92	9.52
91	Wun	1	0.08	..	..	112	8.89
92	Umerkhed	..	..	..	..	..	..
93	Panderkaora	1	0.13	..	..	..	..
94	Ghatanji	1	0.25	..	..	7	7.61

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Dysentery and Diarrhoea				Respiratory diseases			
Dysentery		Diarrhoea		Pneumonia		Pulmonary tuberculosis	
Deaths	Ratio	Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
17	0.54	22	0.70	24	0.76	8	0.25
25	3.75	7	0.05	..	..	2	0.30
35	4.19	44	5.26	1	0.12	8	0.96
10	0.76	32	2.43	6	0.46	2	0.15
7	0.42	18	1.08	20	1.19	..	..
10	0.67	12	0.80	..	..	2	0.13
..	..	11	0.88	1	0.08	2	0.24
5	0.50	11	1.09	1	0.10	..	..
1	0.10	1	0.10	3	0.31	..	..
..	..	61	1.30	53	0.13	13	0.28
..	..	21	2.05	2	1.19	..	..
1	0.03	75	2.62	4	0.14	..	..
..	..	52	3.81	2	0.15	1	0.07
..	..	66	5.69	1	0.09	1	0.09
..	..	1	0.10	1	0.10	3	0.30
..	..	19	1.94	1	0.10	..	..
..	..	..	..	19	2.00	..	..
..	..	10	1.00	3	0.30	1	0.10
1	0.15	14	2.04	2	0.29	..	..
1	0.15	42	6.10	1	0.15	1	0.15
..	..	60	7.01	..	..	..	..
..	..	28	4.83	..	..	3	0.52
..	..	12	2.30	1	0.19	2	0.38
..	..	51	7.19	8	1.13	1	0.14
..	..	10	1.55	4	0.62	..	..
..	..	52	2.48	61	2.91	1	0.05
..	..	25	2.66	..	..	..	..
..	..	19	1.93	..	..	..	..
..	..	27	2.79	6	0.62	..	..
1	0.08	48	3.84	24	1.91	1	0.08
..	..	15	1.89	1	0.13	1	0.13
..	..	16	2.11	7	0.92	..	..
..	..	13	3.26	..	..	..	..

DEATHS REGISTERED FROM *SOME SPECIAL DISEASES* REFERRED TO IN

DATED THE 16TH

Serial No.	Districts	Respiratory diseases—*concld.* Whooping cough		Other respiratory diseases		Beri-beri	
		Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
	B.—TOWNS—*cont.*						
	(12) Bilaspur District						
62	Bilaspur ..	1	0.03	25	0.80	..	..
63	Mungeli ..	..	..	10	1.50	..	..
64	Champa ..	8	0.96	14	1.67	..	..
	(13) Drug District						
65	Drug ..	2	0.15	20	1.52	..	..
	(14) Bhandara District						
66	Bhandara ..	1	0.06	24	1.43	1	0.06
67	Gondia ..	4	0.27	10	0.67	..	..
68	Paoni ..	3	0.24	10	0.80	..	..
69	Tumsar ..	1	0.10	15	1.49	..	..
	(15) Balaghat District						
70	Balaghat ..	..	..	3	0.31	..	..
	(16) Amraoti District						
71	Amraoti ..	55	1.17	92	1.96	..	..
72	Amraoti Camp ..	7	0.68	..	..	..	..
73	Ellichpur ..	4	0.14	23	0.81	..	..
74	Badnera ..	23	1.68	13	0.95	..	..
75	Anjangaon ..	3	0.26	40	3.45	..	..
76	Dattapur ..	2	0.20	11	1.11	..	..
77	Paratwada ..	2	0.20	18	1.84	..	..
78	Morsi ..	11	1.16	50	5.25	..	..
79	Warud ..	1	0.10	17	1.70		..
80	Karajgaon ..	2	0.29	10	1.46		
81	Sirasgaon ..	..	..	19	2.76	..	..
82	Daryapur ..	2	0.23	5	0.58	..	..
83	Chandur Bazar ..	..	..	6	1.03	..	..
84	Pathrot ..	..	..	2	0.38	..	..
85	Chandur Railway ..	1	0.14	10	1.41	..	..
86	Sendurjana ..	12	1.86	31	4.79	..	..
	(17) Yeotmal District						
87	Yeotmal ..	5	0.24	71	3.39	..	..
88	Digras ..	4	0.43	6	0.64	..	..
89	Pusad ..	1	0.10	10	1.01	..	..
90	Darwha ..	..	..	18	1.86	..	..
91	Wun ..	..	..	34	2.70	..	..
92	Umerkhed ..	1	0.13	17	2.14	..	..
93	Panderkaora ..	2	0.26	37	4.88	..	..
94	Ghatanji ..	2	0.50	12	3.96	..	..

Other causes							
Acute Poliomyelitis		Diphtheria		Chickenpox		Mumps	
Deaths	Ratio	Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
..	..	..	..	12	0.38	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	2	0.12	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	4	0.09	..	..
..	..	..	..	1	0.10	..	..
..	..	..	..	1	0.04	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	2	0.10	..	..	..	..
..	..	..	..	1	0.10	1	0.10
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	1	0.13	..	..	..	..
..	..	..	..	..	..	..	..

DEATHS REGISTERED FROM *SOME SPECIAL DISEASES* REFERRED TO IN

DATED THE 16TH

Serial No.	Districts	Other causes—					
		Tuberculosis of joints		Other tubercular diseases		Leprosy	
		Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
	B.—TOWNS—*cont.*						
	(12) Bilaspur District						
62	Bilaspur ..	1	0.03	4	0.13	1	0.03
63	Mungeli ..	3	0.45	..	..	..	..
64	Champa ..	2	0.24	1	0.12	13	1.55
	(13 Drug District						
65	Drug ..	1	0.08	2	0.15	1	0.08
	(14) Bhandara District						
66	Bhandara ..	1	0.06	12	0.72	1	0.06
67	Gondia ..	1	0.07	19	0.27	2	0.13
68	Paoni ..	1	0.08	3	0.24	..	..
69	Tumsar ..	6	0.60	5	0.50	..	..
	(15) Balaghat District						
70	Balaghat ..	..	..	..	..	..	..
	(16) Amraoti District						
71	Amraoti ..	14	0.30	22	0.47	1	0.02
72	Amraoti Camp ..	..	..	3	0.29	1	0.10
73	Ellichpur ..	..	..	4	0.14	..	..
74	Badnera ..	3	0.22	5	0.37	1	0.07
75	Anjangaon ..	4	0.34	8	0.69	..	..
76	Dattapur ..	..	..	..	..	..	..
77	Paratwada ..	5	0.51	2	0.20	1	0.10
78	Morsi ..	..	..	2	0.21	..	..
79	Warud ..	5	0.50	1	0.10	..	..
80	Karajgaon ..	3	0.44	4	0.58	..	..
81	Sirasgaon ..	15	2.18	3	0.44	..	..
82	Daryapur ..	6	0.70	..	..	1	0.12
83	Chandur Bazar ..	1	0.17	2	0.34	..	..
84	Pathrot ..	1	0.19	3	0.57	..	..
85	Chandur Railway ..	..	..	8	1.13	..	..
86	Sendurjana ..	..	..	1	0.15	..	..
	(17) Yeotmal District						
87	Yeotmal ..	2	0.10	37	1.76	3	0.14
88	Digras ..	..	..	3	0.32	..	..
89	Pusad ..	..	..	2	0.20	..	..
90	Darwha ..	..	..	2	0.21	1	0.10
91	Wun ..	..	..	7	0.56	1	0.08
92	Umerkhed ..	1	0.13	1	0.13	..	..
93	Panderkaora ..	5	0.66	2	0.26	..	..
94	Ghatanji ..	1	0.25	4	1.00	..	..

cont.

Cancer		Deaths from child-birth		Deaths under one year			Infant mortality rate per 1,000 of birth
Deaths	Ratio	Deaths	Ratio	Male	Female	Total	
..	..	12	10.46	114	93	207	191.14
..	..	5	19.61	49	37	86	370.69
..	..	2	3.28	97	68	165	285.47
..	..	9	13.06	101	87	188	292.84
1	0.06	6	6.86	85	73	158	189.00
1	0.07	2	2.92	92	66	158	236.88
..	..	3	4.92	59	56	115	191.67
..	..	4	9.95	63	55	118	292.08
..	..	1	3.62	20	16	36	130.91
2	0.04	42	17.66	266	238	504	216.40
..	..	1	2.84	29	19	48	142.01
..	..	5	4.06	127	126	253	214.04
..	..	16	26.97	71	41	112	196.15
1	0.08	11	16.49	78	61	139	211.57
..	..	2	16.15	14	8	22	181.82
..	..	13	32.99	67	39	106	271.10
..	..	4	11.83	25	9	34	103.34
1	0.09	2	15.49	42	35	77	213.89
..	..	5	18.79	25	27	52	208.84
..	..	8	26.23	30	39	69	235.49
..	..	12	28.08	46	41	87	207.14
..	..	2	4.33	20	27	47	191.06
..	..	1	7.04	17	12	39	276.60
..	..	4	16.46	23	25	48	206.01
..	..	..	..	24	24	48	172.04
3	0.14	13	12.58	117	89	206	210.63
..	..	2	6.02	41	26	67	208.72
..	..	2	5.86	42	36	78	234.23
..	..	1	2.68	51	31	82	224.04
..	..	6	11.67	74	53	127	255.53
..	..	1	2.64	29	17	46	123.98
1	0.13	4	13.70	40	41	81	284.20
..	..	1	7.81	9	9	18	146.34

DEATHS REGISTERED FROM *SOME SPECIAL DISEASES* REFERRED TO IN

DATED THE 16TH

Serial No.	Districts	Malaria Deaths	Malaria Ratio	Enteric fevers Deaths	Enteric fevers Ratio	Measles Deaths	Measles Ratio
	B.—TOWNS—*cont.*						
	(18) Akola District						
95	Akola ..	546	11.46	1	0.02	3	0.06
96	Akot ..	261	13.96	..	..	7	0.38
97	Karanja ..	189	11.37	..	..	..	..
98	Basim ..	170	11.80	..	..	1	0.07
99	Balapur ..	108	9.60	..	..	..	..
100	Murtizapur ..	138	11.95	..	..	2	0.17
101	Hiwarkhed ..	96	13.88	..	..	..	..
102	Patur ..	59	8.62	..	..	..	..
103	Wadegaon ..	42	7.04	..	..	..	..
104	Mangrul Pir ..	55	8.61	..	..	..	..
105	Barsitakli ..	46	8.43	..	..	..	..
	(19) Buldana District						
106	Buldana ..	52	6.93	..	..	5	0.66
107	Khamgaon ..	312	13.29	..	..	8	0.34
108	Malkapur ..	120	6.83	..	..	2	0.11
109	Shegaon ..	241	16.39	..	..	1	0.06
110	Jalgaon ..	136	12.99	..	..	13	1.24
111	Nandura ..	76	6.77	..	..	13	1.16
112	Chikhli ..	50	7.10	..	..	18	2.55
113	Mehkar ..	21	2.99	..	..	..	..
114	Deolgaon Raja ..	19	3.25	..	..	5	0.85
	Total for the Towns ..	16,142	8.69	428	0.23	944	0.51
	Total for the Rural Circle ..	249,123	16.77	793	0.05	2,168	0.15
	Total for the Province ..	265,265	15.87	1,221	0.07	3,112	0.19

FORM No. VI (*a*)

GOVERNMENT OF INDIA — DEPARTMENT OF EDUCATION / SANITARY — LETTER No. 444,

JULY 1919—*cont.*

Fevers: Relapsing fever (spirochaetal)		Kala Azar		Influenza		Cerebro-spinal meningitis	
Deaths	Ratio	Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
..	..	..	..	..	..	1	00.2
..	..	..	..	..	..	..	..
..	..	..	..	4	0.24	..	..
..	..	..	..	1	0.06	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	1	0.04
..	..	..	..	1	0.06	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
20	0.01	..	..	218	0.12	5	..
340	0.02	12	..	108	0.01	21	..
360	0.02	12	..	326	0.02	26	..

DEATHS REGISTERED FROM *SOME SPECIAL DISEASES* REFERRED TO IN

DATED THE 16TH

Serial No.	Districts	Fevers—*cont.* Typhus		Blackwater		Undiagnosed fever	
		Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
	B.—TOWNS—*cont.*						
	(18) Akola District						
95	Akola	1	0.02	..	..	109	2.28
96	Akot	..	..	..	..	1	0.05
97	Karanja	..	..	..	..	..	..
98	Basim	..	..	..	..	..	..
99	Balapur	..	..	..	..	..	..
100	Murtizapur	..	..	..	..	15	1.30
101	Hiwarkhed	..	..	..	..	..	..
102	Patur	..	..	..	..	..	..
103	Wadegaon	..	..	..	..	..	..
104	Mangrul Pir	..	..	..	..	1	0.15
105	Barsitakli	..	..	..	..	..	..
	(19) Buldana District						
106	Buldana	..	..	..	..	..	..
107	Khamgaon	..	..	..	..	..	..
108	Malkapur	..	..	..	..	..	..
109	Shegaon	..	..	..	..	3	0.02
110	Jalgaon	..	..	..	..	..	..
111	Nandura	..	..	..	..	1	0.09
112	Chikhli	..	..	..	..	..	..
113	Mehker	..	..	..	..	..	..
114	Deolgaon Raja	..	..	..	..	..	..
	Total for the Towns ..	111	0.06	28	0.01	4,613	2.48
	Total for the Rural Circle ..	711	0.05	93	0.01	16,045	1.08
	Total for the Province ..	822	0.05	121	0.01	20,668	1.24

Dysentery and Diarrhoea				Respiratory diseases			
Dysentery		Diarrhoea		Pneumonia		Pulmonary tuberculosis	
Deaths	Ratio	Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
..	..	134	2.81	28	0.58	4	0.08
1	0.05	74	3.96	5	0.27	1	0.05
..	..	62	3.73	3	0.18	..	..
..	..	19	1.32	12	0.83	2	0.14
..	..	25	2.22	..	..	..	..
..	..	49	4.24	1	0.08	1	0.08
..	..	20	2.89	..	..	..	..
..	..	4	0.58	1	0.08	..	..
..	..	19	3.18	..	..	1	0.16
3	0.47	13	2.03	1	0.16	..	..
1	0.18	16	2.93	..	..	1	0.18
..	..	15	1.99	14	1.86	1	0.13
2	0.08	53	2.26	..	..	..	..
..	..	72	4.10	14	0.79	4	0.23
..	..	74	5.03	..	..	..	..
..	..	32	3.05	..	..	2	0.19
..	..	27	2.41	2	0.17	..	..
..	..	28	3.97	5	0.71	..	..
..	..	16	2.28	2	0.28	..	..
..	..	10	1.71	3	0.51	..	..
624	0.34	3,567	1.92	1,677	0.90	515	0.28
3,474	0.23	18,108	1.22	2,714	0.18	852	0.06
4,098	0.24	21,675	1.30	4,391	0.26	1,367	0.08

DEATHS REGISTERED FROM *SOME SPECIAL DISEASES* REFERRED TO IN

DATED THE 16TH

Serial No.	Districts	Respiratory diseases—*cont.* Whooping cough Deaths	Whooping cough Ratio	Other respiratory diseases Deaths	Other respiratory diseases Ratio	Beri-beri Deaths	Beri-beri Ratio
	B.—TOWNS—*cont.*						
	(18) Akola District						
95	Akola ..	28	0.58	62	0.05	..	..
96	Akot ..	8	0.43	25	1.34	..	..
97	Karanja ..	1	0.06	43	2.44	..	..
98	Basim ..	3	0.21	35	2.38	..	..
99	Balapur ..	1	0.09	7	0.62	..	..
100	Murtizapur ..	11	0.95	11	0.95	..	..
101	Hiwarkhed ..	..	..	14	2.02	..	..
102	Patur ..	..	..	52	7.60	..	..
103	Wadegaon ..	..	..	40	6.70	..	..
104	Mangrulpir ..	..	..	33	5.17	..	..
105	Barsitakli ..	13	2·38	9	1.65	..	..
	(19) Buldana District						
106	Buldana ..	1	0.13	19	2.53	..	..
107	Khamgaon ..	..	..	61	2.60	..	..
108	Malkapur ..	..	..	53	3.01	..	..
109	Shegaon ..	..	..	42	2.85	..	..
110	Jalgaon ..	10	0.95	11	1.05	..	..
111	Nandura ..	..	..	11	1.05	..	..
112	Chikhli ..	5	0.71	15	2.13	..	..
113	Mehker ..	..	..	7	0.99	..	..
114	Deolgaon Raja ..	..	..	21	3.60	..	..
	Total for the Towns ..	484	0.26	6,046	3.25	20	0.01
	Total for the Rural Circle ..	2,578	0.17	29,068	1.96	51	..
	Total for the Province ..	3,062	0.18	35,114	2.10	71	..

Other causes							
Acute Poliomyelitis		Diphtheria		Chickenpox		Mumps	
Deaths	Ratio	Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
..	..	..	..	..	..	..	
..	..	..	..	1	0.05	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	1	0.08	..	..
..	..	1	0.14	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	1	0.14
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
1	..	14	0.01	257	0.14	7	..
10	..	32	..	954	0.06	53	..
11	..	46	..	1,211	0.07	60	..

DEATHS REGISTERED FROM *SOME SPECIAL DISEASES* REFERRED TO IN

DATED THE 16TH

Serial No.	Districts	Tuberculosis of joints		Other tubercular diseases		Other Leprosy	
		Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
	B.—TOWNS—*cont.*						
	(18) Akola District						
95	Akola ..	11	0.16	60	1.26	1	0.02
96	Akot ..	3	0.16	20	1.07	..	..
97	Karanja ..	5	0.03	5	0.03	..	..
98	Basim ..	6	0.41	2	0.14	1	0.07
99	Balapur ..	..	..	3	0.26	..	..
100	Murtizapur ..	1	0.09	6	0.52	1	0.09
101	Hiwarkhed ..	..	..	..	..	..	..
102	Patur ..	2	0.29	..	..	..	..
103	Wadegaon ..	..	..	2	0.34	..	..
104	Mangrul Pir ..	..	..	1	0.16	1	0.16
105	Barsitakli ..	..	..	3	0.55	..	..
	(19) Buldana District						
106	Buldana ..	2	0.26	6	0.80	..	..
107	Khamgaon ..	..	..	22	0.93	..	..
108	Malkapur ..	..	..	10	0.56	..	..
109	Shegaon ..	2	0.13	2	0.13	..	..
110	Jalgaon ..	2	0.19	4	0.38	..	..
111	Nandura ..	1	0.09	5	0.44	1	0.09
112	Chikhli ..	3	0.42	1	0.15	..	..
113	Mehkar ..	..	..	1	0.14	..	..
114	Deolgaon Raja ..	1	0.17	..	..	1	0.17
	Total for the Towns ..	249	0.24	871	0.47	47	0·03
	Total for the Rural Circle ..	921	0.05	2,321	0.16	429	0.03
	Total for the Province ..	1,170	0.07	3,192	0.19	476	0.03

causes—*cont.*

Cancer		Deaths from child-birth		Deaths under one year			Infant mortality per 1,000 of birth
Deaths	Ratio	Deaths	Ratio	Male	Female	Total	
..	..	19	7.49	264	279	543	221.45
..	..	18	23.01	85	73	158	202.82
..	..	23	31.72	82	62	144	201.96
..	..	11	14.98	79	58	137	190.54
..	..	..	..	33	33	66	144.74
..	..	5	10.18	59	41	100	208.33
..	..	1	3.67	23	21	44	166.04
..	..	9	35.29	19	12	31	128.10
..	..	2	8.84	29	16	45	199.12
..	..	1	3.95	31	22	53	220.83
..	..	2	9.95	20	11	31	158.11
..	..	6	19.54	34	33	69	227.72
..	..	5	4.68	128	120	248	238.46
..	..	..	..	93	59	152	179.88
..	..	14	18.79	87	65	152	212.59
..	..	6	15.52	42	26	68	177.08
..	..	9	17.14	45	35	80	159.05
..	..	5	13.16	42	42	84	226.42
..	..	..	..	17	18	35	127.27
..	..	2	6.56	30	17	47	157.19
114	0.06	733	9.21	10,061	8,398	18,459	237.18
39	..	4,109	7.28	67,223	56,279	123,502	224.50
153	0.01	4,842	7.52	77,284	64,677	141,961	226.07

DEATHS REGISTERED FROM *CHOLERA* IN THE DISTRICTS OF THE

Serial No.	Districts	Circles of registration: Number in each district	Circles of registration: Number from which deaths from cholera were reported	Villages: Number in each district	Villages: Number from which deaths from cholera were reported
	Nagpur Division				
1	Nagpur	22	8	1,657	32
2	Wardha	12	11	946	132
3	Chanda	21	10	2,391	33
4	Chhindwara	29	3	3,516	7
5	Betul	14	..	1,254	..
	Total	98	32	9,764	204
	Jubbulpore Division				
6	Jubbulpore	25	4	2,386	12
7	Saugor	33	..	3,015	..
8	Mandla	16	1	2,021	1
9	Hoshangabad	25	1	2,338	2
10	Nimar	15	..	1,143	..
	Total	114	6	10,903	15
	Chhattisgarh Division				
11	Raipur	26	19	3,915	176
12	Bilaspur	24	16	3,384	57
13	Drug	19	8	2,576	66
14	Bhandara	15	9	1,502	15
15	Balaghat	12	3	1,225	5
	Total	96	55	12,602	319
	Berar Division				
16	Amraoti	29	11	1,626	37
17	Yeotmal	23	23	1,633	225
18	Akola	24	15	1,503	147
19	Buldana	22	3	1,215	3
	Total	98	52	5,977	412
	Total for the Province	406	145	39,246	950

FORM No. VII

CENTRAL PROVINCES AND BERAR DURING EACH MONTH OF THE YEAR 1940

Deaths in						
January	February	March	April	May	June	July
..	..	..	..	..	..	6
..	..	..	..	..	6	3
..	..	..	6	..	6	8
..	..	1	2	..	..	..
..	..	..	..	..	..	..
..	..	1	8	..	12	17
..	..	..	..	..	..	..
..	..	..	..	..	..	..
..	..	..	..	..	..	..
..	..	..	..	..	..	..
..	..	..	..	..	..	..
..	..	..	..	..	..	..
..	..	20	1	..	48	238
..	9	44	2	..	1	2
..	..	..	..	..	..	1
..	..	..	..	1	3	..
..	..	..	..	..	..	1
..	9	64	3	1	52	242
..	..	..	..	..	1	..
..	..	..	..	..	2	63
..	..	..	..	..	..	..
..	..	..	..	..	..	..
..	..	..	..	..	3	63
..	9	65	11	1	67	322

DEATHS REGISTERED FROM *CHOLERA* IN THE DISTRICTS OF THE CENTRAL

Serial No.	District		Deaths in—*cont.* August	September	October	November	December
	Nagpur Division						
1	Nagpur	..	103	124	22	3	..
2	Wardha	..	75	366	197	53	2
3	Chanda	..	41	102	14	4	1
4	Chhindwara	..	..	8	..	..	..
5	Betul	..	..	..	..	..	..
	Total	..	219	600	233	60	3
	Jubbulpore Division						
6	Jubbulpore	..	..	..	31	31	..
7	Saugor	..	..	..	..	..	..
8	Mandla	..	..	..	..	..	..
9	Hoshangabad	..	..	..	..	..	..
10	Nimar	..	..	..	..	..	..
	Total	..	..	..	31	31	..
	Chhattisgarh Division						
11	Raipur	..	502	193	12	38	8
12	Bilaspur	..	21	62	17	6	..
13	Drug	..	6	140	66	112	30
14	Bhandara	..	4	13	13	..	2
15	Balaghat	..	..	1	1	..	..
	Total	..	533	409	109	156	40
	Berar Division						
16	Amraoti	..	1	17	..	67	8
17	Yeotmal	..	527	825	374	46	5
18	Akola	..	27	101	41	31	2
19	Buldana	..	2	1	..	..	..
	Total	..	557	944	415	144	15
	Total for the Province	..	1,309	1,953	788	391	58

PROVINCES AND BERAR DURING EACH MONTH OF THE YEAR 1940—*cont.*

Total			Ratio of deaths per 1,000 of population			
Male	Female	Total	Male	Female	Total	Mean ratio per 1,000 of previous 5 years
117	141	258	0.22	0.28	0.25	1.23
340	362	702	1.22	1.32	1.27	0.86
100	82	182	0.23	0.19	0.21	1.32
6	5	11	0.01	1.01	0.01	1.18
..	..	..	..	..	..	2.57
563	590	1,153	0.29	0.30	0.30	1.34
29	33	62	0.07	0.08	0.07	0.94
..	..	..	..	..	..	0.97
..	..	..	..	..	..	0.43
..	..	..	..	..	..	1.90
..	..	..	..	..	..	1.57
29	33	62	0.07	0.08	0.07	1.20
558	502	1,060	0.76	0.63	0.69	0.43
93	71	164	0.12	0.09	0.11	0.90
176	179	355	0.40	0.37	0.39	0.37
18	18	36	0.04	0.04	0.04	1.05
3	..	3	0.01	..	..	0.09
848	770	1,618	0.32	0.27	0.29	0.55
60	34	94	0.12	0.07	0.09	1.81
929	913	1,842	1.98	1.99	0.99	0.97
93	109	202	0.20	0.25	0.22	1.66
..	3	3	..	0·01	..	1.39
1,082	1,059	2,141	0.58	0.59	0.58	1.06
2,522	2,452	4,974	0.30	0.29	0.30	1.03

DEATHS REGISTERED FROM *SMALLPOX* IN THE DISTRICTS OF THE CENTRAL

Serial No.	Districts		Circles of registration: Number in each district	Circles of registration: Number from which deaths from smallpox were reported	Villages: Number in each district	Villages: Number from which deaths from smallpox were reported
	Nagpur Division					
1	Nagpur	..	22	17	1,657	117
2	Wardha	..	12	12	946	124
3	Chanda	..	21	17	2,391	200
4	Chhindwara	..	29	26	3,516	230
5	Betul	..	14	11	1,254	58
	Total	..	98	83	9,764	729
	Jubbulpore Division					
6	Jubbulpore	..	25	16	2,386	123
7	Saugor	..	33	20	3,015	94
8	Mandla	..	16	10	2,021	37
9	Hoshangabad	..	25	22	2,338	149
10	Nimar	..	15	10	1,143	80
	Total	..	114	78	10,903	483
	Chhattisgarh Division					
11	Raipur	..	26	22	3,915	205
12	Bilaspur	..	24	25	3,384	389
13	Drug	..	19	18	2,576	185
14	Bhandara	..	15	14	1,502	157
15	Balaghat	..	12	10	1,225	68
	Total	..	96	89	12,602	934
	Berar Division					
16	Amraoti	..	29	22	1,626	58
17	Yeotmal	..	23	13	1,633	75
18	Akola	..	24	14	1,503	51
19	Buldana	..	22	17	1,215	57
	Total	..	98	66	5,977	241
	Total for the Province	..	406	316	39,246	2,387

FORM No. VIII

PROVINCES AND BERAR DURING EACH MONTH OF THE YEAR 1940

Deaths in						
January	February	March	April	May	June	July
134	211	281	175	122	88	13
4	19	32	57	57	32	43
13	41	40	38	53	39	37
..	4	23	74	91	62	42
..	2	2	7	11	7	15
151	277	378	351	334	228	150
28	12	10	39	38	22	9
13	11	48	45	52	40	19
..	..	2	..	5	12	6
58	53	75	68	54	37	24
4	13	11	14	11	2	2
103	89	146	166	160	113	60
3	9	30	82	83	26	22
6	11	11	1	28	23	20
..	..	7	16	17	25	11
1	10	25	65	117	62	9
..	..	2	9	10	23	16
10	30	75	173	255	159	78
..	3	11	18	41	35	14
6	8	34	15	15	12	9
..	..	9	16	27	20	15
4	15	21	29	26	9	7
10	26	75	78	109	76	45
274	422	674	768	858	576	333

DEATHS REGISTERED FROM *SMALLPOX* IN THE DISTRICTS OF THE CENTRAL

Serial No.	Districts	Deaths in—*cont.* August	September	October	November	December
	Nagpur Division					
1	Nagpur ..	8	3	1	4	10
2	Wardha ..	24	8	3	11	25
3	Chanda ..	11	5	10	2	15
4	Chhindwara ..	22	7	9	47	42
5	Betul ..	9	7	7	17	32
	Total ..	74	30	30	81	124
	Jubbulpore Division					
6	Jubbulpore ..	2	3	2	9	7
7	Saugor ..	7	2	6	2	..
8	Mandla ..	6	..	1	1	9
9	Hoshangabad ..	8	2	3	10	7
10	Nimar ..	2	..	..	1	17
	Total ..	25	7	12	23	40
	Chhattisgarh Division					
11	Raipur ..	8	3	1	3	1
12	Bilaspur ..	11	6	5	10	4
13	Drug ..	13	4	2	7	18
14	Bhandara ..	7	2	8	3	5
15	Balaghat ..	17	5	2	..	7
	Total ..	56	20	18	23	35
	Berar Division					
16	Amraoti ..	5	8	1	11	42
17	Yeotmal ..	2	4	2	..	2
18	Akola ..	6	3	2	2	2
19	Buldana ..	2	2	2	4	2
	Total ..	15	17	7	17	48
	Total for the Province ..	170	74	67	144	247

ROVINCES AND BERAR DURING EACH MONTH OF THE YEAR 1940—*cont.*

Total			Number of deaths among children		Ratio of deaths per 1,000 of population			Mean ratio per 1,000of population
Male	Female	Total	Under one year	One to ten years	Male	Female	Total	
527	523	1,050	421	516	1.01	1.05	1.03	0.15
154	161	315	109	152	0.55	0.59	0.57	0.08
165	139	304	104	116	0.39	0.33	0.36	0.10
197	226	423	130	235	0.39	0.43	0.41	0.03
56	60	116	49	48	0.26	0.27	0.27	0.11
1,099	1,109	2,208	813	1,067	0.56	0.57	0.[illegible]7	0.09
87	94	181	56	107	0.20	0.22	0.22	0.05
132	113	245	98	110	0.28	0.25	0.27	0.07
25	17	42	16	20	0.10	0.07	0.08	0.04
202	197	399	144	199	0.47	0.47	0.47	0.11
36	41	77	19	43	0.14	0.17	0.16	0.24
482	462	944	333	479	0.26	0.26	0.26	0.10
144	127	271	54	123	0.20	0.16	0.18	0.02
85	51	136	76	34	0.11	0.06	0.09	0.09
65	55	120	26	31	0.15	0.12	0.13	0.02
153	161	314	112	127	0.33	0.34	0.34	0.01
42	49	91	20	38	0.14	0.16	0.15	0.03
489	443	932	288	353	0.18	0.16	0.17	0.04
89	100	189	76	89	0.17	0.21	0.19	0.06
51	58	109	36	50	0.11	0.13	0.12	0.21
50	52	102	25	60	0.11	0.12	0.11	0.10
65	58	123	45	64	0.15	0.14	0.15	0.23
255	268	523	182	263	0.14	0.15	0.14	0.14
2,325	2,282	4,607	1,616	2,162	0.28	0.27	0.28	0.09

DEATHS REGISTERED FROM *FEVERS* IN THE DISTRICTS OF THE

Serial No.	Districts		Circles of registration: Number in each district	Circles of registration: Number from which deaths from fevers were reported	Villages: Number in each district	Villages: Number from which deaths from fevers were reported
	Nagpur Division					
1	Nagpur	..	22	22	1,657	1,430
2	Wardha	..	12	12	946	736
3	Chanda	..	21	21	2,391	1,874
4	Chhindwara	..	29	29	3,516	3,088
5	Betul	..	14	13	1,254	999
	Total	..	98	97	9,764	8,127
	Jubbulpore Division					
6	Jubbulpore	..	25	23	2,386	2,031
7	Saugor	..	33	33	3,015	1,602
8	Mandla	..	16	16	2,021	1,627
9	Hoshangabad	..	25	25	2,338	2,082
10	Nimar	..	15	14	1,143	1,004
	Total	..	114	111	10,903	8,346
	Chhattisgarh Division					
11	Raipur	..	26	26	3,915	3,387
12	Bilaspur	..	24	24	3,384	3,041
13	Drug	..	19	19	2,576	2,384
14	Bhandara	..	15	14	1,502	1,408
15	Balaghat	..	12	12	1,225	1,134
	Total	..	96	95	12,602	11,354
	Berar Division					
16	Amraoti	..	29	28	1,626	1,507
17	Yeotmal	..	23	23	1,633	1,486
18	Akola	..	24	24	1,503	1,156
19	Bul na	..	22	22	1,215	1,005
	Total	..	98	98	5,977	5,154
	Total for the Province	..	406	401	39,246	32,981

ENTRAL PROVINCES AND BERAR DURING EACH MONTH OF THE YEAR 1940

Deaths in

January	February	March	April	May	June	July
1,481	1,145	1,296	1,436	1,371	967	815
513	477	530	674	567	370	263
1,249	1,114	1,068	1,115	980	716	640
1,957	1,802	2,117	2,131	1,958	1,459	1,203
572	564	587	566	484	386	304
5,782	5,102	5,598	5,922	5,360	3,898	3,225
1,476	1,293	1,422	1,459	1,448	1,337	1,112
2,458	2,299	2,232	1,892	2,328	1,879	1,600
863	799	1,039	1,073	924	782	708
1,845	1,568	1,760	1,846	1,908	1,461	1,138
980	946	1,294	1,557	1,530	803	617
7,622	6,905	7,747	7,827	8,138	6,262	5,175
2,239	1,549	1,690	2,207	2,824	2,158	2,166
2,586	1,889	2,039	2,396	2,859	2,833	2,556
1,534	1,069	1,111	1,383	2,252	1,664	1,400
1,295	1,056	920	1,239	1,307	1,036	843
1,154	958	1,022	1,516	1,531	944	894
8,808	6,521	6,782	8,741	10,773	8,635	7,859
735	705	846	925	895	661	547
1,380	1,489	1,785	1,540	1,319	781	731
808	910	1,122	930	921	514	462
559	581	721	767	783	418	358
3,482	3,685	4,474	4,168	3,918	2,374	2,098
25,694	22,213	24,601	26,658	28,189	21,169	18,357

DEATHS REGISTERED FROM *FEVERS* IN THE DISTRICTS OF THE CENTRAL

Serial No.	Districts	Deaths in —*cont.* August	September	October	November	December
	Nagpur Division					
1	Nagpur ..	1,049	1,473	1,474	1,344	1,190
2	Wardha ..	377	650	754	588	524
3	Chanda ..	833	1,204	1,313	1,170	1,031
4	Chhindwara ..	1,287	1,665	1,623	1,626	1,515
5	Betul ..	313	429	446	423	484
	Total ..	3,859	5,421	5,610	5,151	4,744
	Jubbulpore Division					
6	Jubbulpore ..	1,289	1,607	1,730	1,668	1,152
7	Saugor ..	1,773	2,117	2,274	2,213	1,870
8	Mandla ..	843	932	1,010	879	750
9	Hoshangabad ..	1,267	1,664	2,063	1,638	1,397
10	Nimar ..	866	1,207	1,168	1,105	1,009
	Total ..	6,038	7,527	8,245	7,503	6,178
	Chhattisgarh Division					
11	Raipur ..	2,469	2,840	2,309	2,164	2,237
12	Bilaspur ..	2,491	2,859	2,369	2,366	2,567
13	Drug ..	1,889	2,313	1,885	1,717	1,701
14	Bhandara ..	1,127	1,404	1,364	1,256	1,053
15	Balaghat ..	972	1,070	1,014	1,021	898
	Total ..	8,948	10,486	8,941	8,524	8,456
	Berar Division					
16	Amraoti ..	798	1,164	1,264	988	772
17	Yeotmal ..	1,065	1,703	1,730	1,415	1,037
18	Akola ..	679	1,110	1,020	884	770
19	Buldana ..	575	720	591	561	575
	Total ..	3,117	4,697	4,605	3,848	3,154
	Total for the Province ..	21,962	28,131	27,401	25,026	22,532

FORM No. IX

PROVINCES AND BERAR DURING EACH MONTH OF THE YEAR 1940—*cont.*

Total			Ratio of deaths per 1,000 of population			
Male	Female	Total	Male	Female	Total	Mean ratio per 1,000 of population
7,725	7,316	15,041	14.83	14.70	15.46	17.13
3,282	3,025	6,297	11.76	10.98	11.37	12.45
6,531	5,901	12,432	15.32	13.90	14.62	15.31
10,723	9,620	20,343	21.00	18.21	19.58	21.70
2,966	2,593	5,559	14.01	11.79	12.88	16.57
31,227	28,445	59,672	16.03	14.63	15.33	16.70
8,668	8,325	16,993	19.76	19.28	19.51	18.04
13,590	11,345	24,935	29.11	25.14	27.16	25.99
5,554	5,048	10,602	22.27	19.85	21.05	19.36
10,475	9,080	19,555	24.52	21.63	23.09	26.03
7,103	5,979	13,082	28.44	24.90	26.71	28.26
45,390	39,777	85,167	24.77	22.13	23.47	22.80
13,957	12,895	26,852	19.01	16.30	17.60	19.90
15,804	14,006	29,810	21.18	13.96	19.43	19.86
10,198	9,720	19,918	23.47	20.40	21.86	23.18
7,337	6,563	13,900	15.87	13.92	14.88	18.08
7,114	5,880	12,994	23.76	18.71	21.18	20.34
54,410	49,064	103,474	20.33	17.26	18.75	20.40
5,353	4,947	10,300	10.43	10.17	10.30	12.64
8,366	7,615	15,981	17.83	16.63	17.24	18.15
5,273	4,857	10,130	11.29	10.93	11.11	12.88
3,689	3,520	7,209	8.77	8.60	8.68	11.15
22,681	20,939	43,620	12.12	11.65	11.89	12.61
153,708	138,225	291,933	18.46	16.49	17.47	18.87

DEATHS REGISTERED FROM *DYSENTERY* AND *DIARRHŒA* IN THE DISTRICTS

YEAR

Serial No.	Districts		Circles of registration: Number in each district	Circles of registration: Number from which deaths from dysentery and diarrhœa were reported	Villages: Number in each district	Villages: Number from which deaths from dysentery and diarrhœa were reported
	Nagpur Division					
1	Nagpur	..	22	15	1,657	159
2	Wardha	..	12	12	946	146
3	Chanda	..	21	20	2,391	731
4	Chhindwara	..	29	24	3,516	164
5	Betul	..	14	12	1,254	86
	Total	..	98	83	9,764	1,286
	Jubbulpore Division					
6	Jubbulpore	..	25	21	2,386	546
7	Saugor	..	33	30	3,015	222
8	Mandla	..	16	15	2,021	98
9	Hoshangabad	..	25	22	2,338	288
10	Nimar	..	15	12	1,143	123
	Total	..	114	100	10,903	1,277
	Chhattisgarh Division					
11	Raipur	..	26	25	3,915	468
12	Bilaspur	..	24	23	3,384	627
13	Drug	..	19	17	2,576	74
14	Bhandara	..	15	14	1,502	106
15	Balaghat	..	12	9	1,225	68
	Total	..	96	85	12,602	1,343
	Berar Division					
16	Amraoti	..	29	26	1,626	752
17	Yeotmal	..	23	23	1,633	308
18	Akola	..	24	15	1,503	317
19	Buldana	..	22	20	1,215	522
	Total	..	98	84	5,977	1,899
	Total fo the Province	..	406	355	39,246	5,805

FORM No. X

OF THE CENTRAL PROVINCES AND BERAR DURING EACH MONTH OF THE 1940

Deaths in						
January	February	March	April	May	June	July
76	50	72	77	58	42	91
136	82	100	101	69	54	77
34	23	32	36	32	23	27
44	29	37	39	31	31	35
16	24	19	22	15	21	10
303	208	260	275	205	171	240
114	72	95	124	119	111	95
52	29	49	44	50	85	64
15	12	27	29	38	23	28
75	41	66	61	55	82	65
16	19	21	24	20	22	25
272	173	258	282	282	323	277
135	74	96	101	130	134	138
141	91	131	123	160	113	141
74	39	40	56	62	56	79
20	6	17	16	16	19	12
10	6	3	9	5	7	3
380	216	287	305	373	329	373
308	250	295	222	203	165	228
142	147	151	89	89	77	97
283	230	257	189	225	147	268
144	144	109	102	100	77	178
877	771	812	602	617	466	771
1,832	1,368	1,617	1,464	1,477	1,289	1,661

DEATHS REGISTERED FROM *DYSENTERY* AND *DIARRHŒA* IN THE DISTRICTS
YEAR

Serial No.	District		Deaths in—*cont.* August	September	October	November	December
	Nagpur Division						
1	Nagpur	..	200	168	159	108	87
2	Wardha	..	172	311	287	220	118
3	Chanda	..	66	94	114	59	44
4	Chhindwara	..	84	108	84	34	24
5	Betul	..	28	33	32	28	17
	Total	..	550	714	676	449	290
	Jubbulpore Division						
6	Jubbulpore	..	179	197	296	166	105
7	Saugor	..	86	130	89	83	45
8	Mandla	..	36	55	39	28	23
9	Hoshangabad	..	117	146	172	98	62
10	Nimar	..	50	78	27	20	16
	Total		468	606	623	395	251
	Chhattisgarh Division						
11	Raipur	..	213	162	98	86	89
12	Bilaspur	..	204	159	91	87	85
13	Drug	..	173	158	101	84	75
14	Bhandara	..	38	37	30	17	12
15	Balaghat	..	11	11	17	1	1
	Total	..	639	527	337	275	262
	Berar Division						
16	Amraoti	..	505	710	632	423	314
17	Yeotmal	..	341	417	447	277	143
18	Akola	..	520	601	556	370	293
19	Buldana	..	387	418	308	190	152
	Total	..	1,753	2,146	1,943	1,260	901
	Total for the Province	..	3,410	3,993	3,579	2,379	1,704

OF THE CENTRAL PROVINCES AND BERAR DURING EACH MONTH OF THE 1940—*cont.*

Total			Ratio of deaths per 1,000 of population			
Male	Female	Total	Male	Female	Total	Mean ratio per 1,000 of population
570	618	1,188	1.09	1.24	1.17	2.07
797	930	1,727	2.85	3.39	3.12	3.91
310	274	584	0.73	0.65	0.69	1.51
287	290	577	0.56	0.55	0.55	1.37
142	123	265	0.67	0.56	0.61	1.78
2,106	2,235	4,341	1.08	1.15	1.11	1.89
904	769	1,673	2.05	1.78	1.92	2.38
438	368	806	0.94	0.82	0.88	1.27
211	142	353	0.85	0.56	0.70	0.79
537	503	1,040	1.26	1.20	1.23	1.99
179	159	338	0.72	0.66	0.69	1.00
2,269	1,941	4,210	1:24	1.08	1.16	1.60
819	637	1,456	1.12	0.80	0.95	1.26
872	654	1,526	1.17	0.83	0.99	1.37
557	440	997	1.28	0.92	1.09	1.15
120	120	240	0.26	0.25	0.26	0.53
50	34	84	0.17	0.11	0.14	0.37
2,418	1,885	4,303	0.90	0.66	0.78	1.05
2,099	2,156	4,255	4.09	4.43	4.26	6.11
1,253	1,164	2,417	2.67	2.54	2.61	3.72
1,968	1,971	3,939	4.21	4.44	4.32	7.15
1,123	1,185	2,308	2.67	2.90	2.78	5.89
6,443	6,476	12,919	3.44	3.60	3.52	5·55
13,236	12,537	25,773	1.59	1.50	1.54	2.41

DEATHS REGISTERED FROM *RESPIRATORY DISEASES* IN THE DISTRICTS
YEAR

Serial No.	District		Circles of registration: Number in each district	Circles of registration: Number from which deaths from respiratory diseases were reported	Villages: Number in each district	Villages: Number from which deaths from respiratory diseases were reported
	Nagpur Division					
1	Nagpur	..	22	22	1,657	378
2	Wardha	..	12	10	946	277
3	Chanda	..	21	21	2,391	507
4	Chhindwara	..	29	29	3,516	640
5	Betul	..	14	13	1,254	516
	Total	..	98	95	9,764	2,318
	Jubbulpore Division					
6	Jubbulpore	..	25	23	2,386	1,615
7	Saugor	..	33	33	3,015	1,069
8	Mandla	..	16	16	2,021	200
9	Hoshangabad	..	25	21	2,338	367
10	Nimar	..	15	14	1,143	455
	Total	..	114	107	10,903	3,706
	Chhattisgarh Division					
11	Raipur	..	26	9	3,915	89
12	Bilaspur	..	24	22	3,384	438
13	Drug	..	19	18	2,576	302
14	Bhandara	..	15	14	1,502	228
15	Balaghat	..	12	7	1,225	71
	Total	..	96	70	12,602	1,128
	Berar Division					
16	Amraoti	..	29	27	1,626	671
17	Yeotmal	..	23	23	1,633	549
18	Akola	..	24	15	1,503	531
19	Buldana	..	22	22	1,215	667
	Total	..	98	87	5,977	2,418
	Total for the Province	..	406	369	39,246	9,570

F THE CENTRAL PROVINCES AND BERAR DURING EACH MONTH OF THE

40

Deaths in —						
January	February	March	April	May	June	July
381	336	305	338	319	174	291
228	172	183	173	145	94	91
73	107	82	77	71	45	31
227	210	215	195	150	123	92
241	285	248	208	210	121	109
1,150	1,110	1,033	991	895	557	614
940	804	912	842	865	702	610
563	549	423	381	523	319	302
57	42	83	48	38	17	15
117	104	105	81	76	58	45
228	224	233	236	202	116	106
1,905	1,723	1,756	1,588	1,704	1,212	1,078
130	91	91	122	112	90	124
94	62	102	114	109	81	87
47	45	37	56	37	45	58
100	69	66	74	49	43	29
19	20	23	24	19	7	11
390	287	319	390	326	266	309
315	316	381	241	226	169	156
158	225	206	203	126	84	107
317	362	384	280	213	145	150
363	307	318	333	292	179	201
1,207	1,210	1,289	1,057	857	577	614
4,652	4,330	4,397	4,026	3,782	2,612	2,615

DEATHS REGISTERED FROM *RESPIRATORY DISEASES* IN THE DISTRICTS
YEAR

Serial No.	District		Deaths in—*cont.*			
		August	September	October	November	December
	Nagpur Division					
1	Nagpur ..	238	328	311	307	267
2	Wardha ..	101	128	147	139	134
3	Chanda ..	39	42	47	36	37
4	Chhindwara ..	107	105	120	124	126
5	Betul ..	123	120	127	144	155
	Total ..	608	723	752	750	719
	Jubbulpore Division					
6	Jubbulpore ..	823	874	982	907	711
7	Saugor ..	342	447	411	394	405
8	Mandla ..	19	36	31	51	51
9	Hoshangabad ..	72	65	84	63	74
10	Nimar ..	139	167	128	173	209
	Total ..	1,395	1,589	1,636	1,588	1,450
	Chhattisgarh Division					
11	Raipur ..	152	161	128	89	95
12	Bilaspur ..	107	106	119	89	105
13	Drug ..	65	56	53	41	39
14	Bhandara ..	59	50	49	51	35
15	Balaghat ..	13	7	21	7	20
	Total ..	396	380	370	277	294
	Berar Division					
16	Amraoti ..	185	255	265	249	261
17	Yeotmal ..	142	168	154	173	158
18	Akola ..	186	257	224	242	211
19	Buldana ..	278	269	290	317	309
	Total ..	791	949	933	981	939
	Total for the Province ..	3,190	3,641	3,691	3,596	3,402

OF THE CENTRAL PROVINCES AND BERAR DURING EACH MONTH OF THE 1940—*cont.*

Total			Ratio of deaths per 1,000 of population			Mean ratio per 1,000 of population
Male	Female	Total	Male	Female	Total	
2,141	1,454	3,595	4·11	2.92	3.53	3.35
1,001	734	1,755	3.59	2.67	5.13	3.46
413	274	687	0·97	0.65	0.81	0.89
1,199	595	1,794	2.35	1.13	1.73	1.96
1,248	843	2,091	5.90	3.83	4.85	5.99
6,002	3,900	9,902	3.08	2.01	2.54	2.79
5,475	4,497	9,972	12.46	10.42	11.45	12.88
2,761	2,298	5,059	5.91	5.32	5.51	5.73
295	193	488	1.18	0.76	0.97	1.41
634	310	944	1.48	0.74	1.11	1.17
1,304	857	2,161	5.22	3.57	4.41	4.98
10,469	8,155	18,624	5.71	4.54	5.13	5.61
978	407	1,385	1.33	0.51	0.91	1.16
778	397	1,175	1.04	0.50	0.77	1.32
409	170	579	0.94	0.36	0.64	0.70
426	248	674	0.92	0.53	0.72	1.16
141	50	191	0.47	0.16	0.31	0.35
2,732	1,272	4,004	1·02	0.45	0.73	0.95
1,755	1,264	3,019	3.42	2.60	3.02	3.04
1,156	748	1,904	2.46	1.63	2·05	2.05
1,709	1,316	3,025	3.66	2.96	3·32	4.05
1,895	1,561	3,456	4.50	3.81	4.16	4.60
6,515	4,889	11,404	3.48	2·72	3.11	3.40
25,718	18,216	43,934	3.09	2.17	2·63	2.94

DEATHS REGISTERED FROM *PLAGUE* IN THE DISTRICTS OF THE

Serial No.	District		Circle of registration: Number in each district	Circle of registration: Number from which deaths from plague were reported	Villages: Number in each district	Villages: Number from which deaths from plague were reported
	Nagpur Division					
1	Nagpur	..	22	1	1,657	1
2	Wardha	..	12	..	946	..
3	Chanda	..	21	..	2,391	..
4	Chhindwara	..	29	3	3,516	7
5	Betul	..	14	1	1,254	3
	Total	..	98	5	9,764	11
	Jubbulpore Division					
6	Jubbulpore	..	25	8	2,386	44
7	Saugor	..	33	8	3,015	17
8	Mandla	..	16	3	2,021	6
9	Hoshangabad	..	25	6	2,338	57
10	Nimar	..	15	..	1,143	..
	Total	..	114	25	10,903	124
	Chhattisgarh Division					
11	Raipur	..	26	..	3,915	..
12	Bilaspur	..	24	..	3,384	..
13	Drug	..	19	..	2,576	..
14	Bhandara	..	15	..	1,502	..
15	Balaghat	..	12	3	1,225	3
	Total	..	96	3	12,602	3
	Berar Division					
16	Amraoti	..	29	..	1,626	..
17	Yeotmal	..	23	3	1,633	5
18	Akola	..	24	..	1,503	..
19	Buldana	..	22	..	1,215	..
	Total	..	98	3	5,977	5
	Total for the Province	..	406	36	39,246	143

FORM No. XII

CENTRAL PROVINCES AND BERAR DURING EACH MONTH OF THE YEAR 1940

Deaths in —						
January	February	March	April	May	June	July
..	..	..	..	..	1	..
..	..	..	..	..	..	..
..	..	..	..	..	..	..
..	1	..	..	..	..	..
..	12	..	..	..	..	..
..	13	..	..	..	1	..
10	9	29	21	1	..	..
..	2	13	6	1	..	..
1	..	3	..	..	..	..
5	7	9	..	3	..	..
..	..	..	..	..	..	..
16	18	54	27	5	..	..
..	..	..	..	..	..	..
..	..	..	..	..	..	..
..	..	..	..	..	..	..
..	1	..	..	..	..	..
3	..	..	..	..	..	..
3	1	..	..	..	..	..
..	..	..	..	..	..	..
..	12	9	..	..	..	..
..	..	..	..	..	..	..
..	..	..	..	..	..	..
..	12	9	..	..	..	..
19	44	63	27	5	1	..

DEATHS REGISTERED FROM *PLAGUE* IN THE DISTRICTS OF THE CENTRAL

Serial No.	District	Deaths in—*cont.* August	September	October	November	Decembe
	Nagpur Division					
1	Nagpur ..	1	..	..	..	1
2	Wardha ..	..	..	..	..	..
3	Chanda ..	..	..	..	..	..
4	Chhindawara ..	..	16	11	2	5
5	Betul ..	..	..	..	..	..
	Total ..	1	16	11	2	6
	Jubbulpore Division					
6	Jubbulpore ..	1	2	2	9	17
7	Saugor ..	..	6	8	5	..
8	Mandla ..	..	5	3	1	8
9	Hoshangabad ..	..	..	1	2	18
10	Nimar ..	..	..	..	..	..
	Total ..	1	13	14	17	43
	Chhattisgarh Division					
11	Raipur ..	..	..	..	..	..
12	Bilaspur ..	..	..	..	..	.
13	Drug ..	..	..	..	..	..
14	Bhandara ..	..	..	..	..	..
15	Balaghat ..	..	..	..	..	..
	Total ..	..	..	..	..	..
	Berar Division					
16	Amraoti ..	..	..	..	..	..
17	Yeotmal ..	..	..	..	..	..
18	Akola ..	..	..	..	..	..
19	Buldana ..	..	..	..	..	..
	Total ..	..	..	..	..	..
	Total for the Province ..	2	29	25	19	49

PROVINCES AND BERAR DURING EACH MONTH OF THE YEAR 1940—*cont.*

Total			Ratio of deaths per 1,000 of population			
Male	Female	Total	Male	Female	Total	Mean ratio per 1,000 of population
2	1	3	..	..	..	0·03
..	..	..	..	..	..	..
..	..	..	..	..	..	..
11	24	35	0.02	0.05	0.03	0.10
9	3	12	0·04	0·01	0·03	..
22	28	50	0.01	0.01	0.01	0.04
34	67	101	0.08	0.16	0.12	0.20
18	23	41	0.04	0.05	0.04	0.07
13	8	21	0.05	0.03	0.04	0.03
20	25	45	0.05	0.06	0.05	0.64
..	..	..	..	..	..	0.03
85	123	208	0.05	0.07	0.06	0 15
..	..	..	..	..	..	..
..	..	..	..	..	..	..
..	..	..	..	..	..	..
..	..	..	..	..	..	..
2	2	4	0·01	0·01	0·01	..
2	2	4	..	..	..	..
..	..	..	..	..	..	..
12	9	21	0.03	0.02	0.02	0.02
..	..	..	..	..	..	..
..	..	..	..	..	..	..
12	9	21	0·01	0·01	0·01	0.02
121	162	283	0.01	0.02	0.02	0.05

STATEMENT No. I.—SHOWING THE PARTICULARS OF VACCINATION IN YEAR

Serial No.	Name of town	Estimated population, 1940	Number of vaccinators employed throughout the year	Total number of persons vaccinated		
				Male	Female	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Nagpur ..	1,018,542	30	31,694	19,890	51,584
2	Wardha ..	553,761	14	15,541	9,543	25,084
3	Chanda ..	850,628	18	22,838	16,811	39,649
4	Chhindwara ..	1,038,887	22	34,000	26,831	60,831
5	Betul ..	431,499	12	12,349	7,448	19,797
6	Jubbulpore ..	870,922	19	14,854	13,145	27,999
7	Saugor ..	918,063	25	23,204	18,287	41,491
8	Mandla ..	503,635	11	9,233	5,993	15,226
9	Hoshangabad ..	846,921	21	18,908	13,785	32,693
10	Nimar ..	489,860	11	12,320	9,527	21,847
11	Raipur ..	1,525,495	33	39,198	27,856	66,954
12	Bilaspur ..	1,534,383	20	24,230	21,057	45,287
13	Drug ..	911,158	17	23,242	16,636	39,878
14	Bhandara ..	933,873	17	50,033	24,463	74,496
15	Balaghat ..	613,629	9	18,507	10,828	29,335
16	Amraoti ..	999,650	35	34,048	21,498	55,546
17	Yeotmal ..	927,113	22	18,145	13,181	31,326
18	Akola ..	911,579	20	22,348	16,046	38,394
19	Buldana ..	830,114	19	27,775	17,516	45,291
	Total district vaccination ..	16,709,712	375	452,467	311,171	763,638
	Total dispensary vaccination. ..	..	..	..	..	3,576
	By other agencies ..	..	..	..	..	3,367
	Central Provinces Vaccine Institute, Nagpur	..	..	..	..	..
	Grand Total ..	16,709,712	375	..	..	770,581

NOTES.—(1) Column (14) "Revaccination" includes the vaccination of all persons
(2) Difference of 14,252 between the number of primary vaccinations and
vaccinated [total column (6) represents

THE DISTRICTS OF THE CENTRAL PROVINCES AND BERAR DURING THE
1940-41

Average number of persons vaccinated by each vaccinator	Primary vaccination				
	Total	Successful			
		Under one year	One and under six years	Total of all ages	Unknown
(8)	(9)	(10)	(11)	(12)	(13)
17·19	28,214	20,176	3,673	23,863	2,398
17·92	14,999	12,450	2,212	14,562	366
22·03	27,886	15,233	7,498	24,709	2,664
27·64	29,252	23,779	4,254	28,061	896
16·50	14,132	9,291	3,673	12,964	1,019
14·74	24,432	16,899	3,892	20,793	2,985
16·60	34,738	21,510	8,149	29,677	4,716
13·84	10,784	7,034	2,997	10,065	598
1·557	25,057	17,541	4,226	21,800	2,160
19·86	17,783	15,036	1,078	16,165	1,290
20·29	48,817	32,676	9,463	42,139	1,797
22·64	48,892	27,352	9,927	37,353	1,267
23·46	29,180	21,465	5,364	26,829	1,661
43·82	26,558	19,723	5,469	25,651	448
32·59	13,702	9,111	3,794	12,905	501
15·87	31,962	23,404	5,127	28,967	1,374
14·24	25,105	17,128	2,385	19,513	2,649
19·20	29,452	18,895	4,721	23,566	3,161
23·84	27,887	20,394	4,138	25,433	566
20·36	508,832	349,097	92,040	445,015	32,516
..	68	26	6	27	..
..	810	590	215	805	5
..	..	..	..	..	..
20·55	509,710	349,713	92,261	444,847	32,321

who bear marks of previous vaccination or of smallpox.
revaccinations performed [total columns (9) and (14)] and the total number of persons
secondary operations].

STATEMENT No. I.—SHOWING THE PARTICULARS OF VACCINATION IN YEAR

Serial No.	Name of town		Revaccination		
			Total	Successful	Unknown
(1)	(2)		(14)	(15)	(16)
1	Nagpur	..	23,379	5,611	6,765
2	Wardha	..	10,085	3,383	2,703
3	Chanda	..	11,763	4,525	4,337
4	Chhindwara	..	31,579	19,554	5,329
5	Betul	..	5,665	2,812	1,571
6	Jubbulpore	..	3,557	1,012	1,275
7	Saugor	..	6,777	2,411	2,806
8	Mandla	..	4,442	578	683
9	Hoshangabad	..	7,636	2,529	1,658
10	Nimar	..	4,120	2,209	1,074
11	Raipur	..	22,158	14,074	3,706
12	Bilaspur	..	6,395	2,498	2,502
13	Drug	..	10,698	8,854	670
14	Bhandara	..	47,945	13,677	22,588
15	Balaghat	..	15,633	10,496	3,100
16	Amraoti	..	23,689	9,620	4,338
17	Yeotmal	..	6,601	2,672	1,641
18	Akola	..	9,374	3,046	2,080
19	Buldana	..	17,562	7,157	2,731
	Total district vaccination	..	269,058	116,718	71,557
	Total dispensary vaccination	..	3,508	211	4
	By other agencies	..	2,557	566	1,899
	Central Provinces Vaccine Institute, Nagpur		..	..	..
	Grand Total	..	275,123	117,495	73,460

THE DISTRICTS OF THE CENTRAL PROVINCES AND BERAR DURING THE 1940-41—*cont.*

Percentage of successful cases in which the results were known		Persons successfully vaccinated per 1,000 of population	Total cost of vaccination department	Number of all successful vaccinations and revaccinations performed by the vaccination staff only	Average cost of each successful case performed by the vaccination staff
Primary	Revaccination				
(17)	(18)	(19)	(20)	(21)	(22)
			Rs. a. p.		Rs. a. p.
92.43	33.77	28.94	8,367 12 6	29,474	0 4 6
99.51	45.83	32.41	6,072 12 3	17,945	0 3 4
97.96	60.93	34.37	7,226 0 6	29,234	0 3 11
98.96	74.49	45.83	8,931 10 6	47,615	0 3 4
98.86	68.69	36.56	4,383 7 5	15,776	0 4 5
85.05	44.35	25.05	9,265 2 7	21,805	0 6 10
98.85	60.72	34.95	11,336 6 0	32,088	0 5 8
98.81	15.38	21.13	5,444 7 9	10,643	0 8 2
95.21	42.31	28.73	7,948 1 0	24,329	0 5 3
98.01	72.52	37.51	6,006 15 9	18,374	0 5 3
89.62	76.27	36.85	13,049 4 0	56,213	0 3 9
78.43	64.17	25.97	8,286 9 3	39,851	0 3 4
97.49	88.29	39.16	7,968 13 3	35,683	0 3 7
98.24	53.94	42.11	8,346 6 6	39,328	0 3 5
97.76	83.75	38.14	3,366 12 6	23,401	0 2 4
94.70	49.71	38.60	13,332 7 5	38,587	0 7 8
86.89	53.87	23.93	9,530 13 3	22,185	0 6 10
89.64	41.76	29.19	9,501 2 0	26,612	0 5 9
93.09	48.26	39.26	10,639 1 9	3[illegible],590	0 5 3
93.18	54.03	32.96	1,59,004 2 2	561,733	0 4 5
39.71	6.02	..	..	238	..
100.00	86.02	..	..	1,371	..
..	..	..	24,700 12 10	..	..
93.18	58.26	33.65	1,83,704 15 0	563,342	0 5 3

	Total number of persons vaccinated		Total number of operations performed		Percentage of successful cases in which results were known	
	Primary	Revaccination	Primary	Revaccination	Primary	Revaccination
By special staff ..	494,580	269,058	508,832	269,058	93.18	54.03
Total dispensery vaccination	68	3,508	68	35,08	39.71	6.02
By other agencies ..	810	2,557	810	2,557	100.00	86.02
Total ..	495,458	275,123	509,710	275,123	93.18	58.26

MARY

Average number of persons vaccinated by each vaccinator: Vaccinators employed	Average number of persons vaccinated by each vaccinator: Persons vaccinated by each vaccinator	Number of children successfully vaccinated: Under one year	Number of children successfully vaccinated: One and under six years	Ratio of successful vaccination per 1,000 of population	Total cost of Department	Number of all successful vaccinations performed	Average cost of each successful case
					Rs. a. p.		Rs. a. p.
375	20·36	349,097	92,040	32.96	..	561,733	0 4 5
..	..	26	6	..	.	238	..
..	..	590	215	..	..	1,371	..
375	20·55	349,713	92,261	33.65	..	563,342	0 5 3

STATEMENT No. III.—SHOWING DISPENSARY VACCINATION IN THE

District	Number of dispensaries in each district to which a vaccinator is attached	Average number of vaccinators attached to dispensaries during the year	Total number of persons vaccinated	Average number of persons vaccinated by each vaccinator	Primary	
					Total	Under one year
Nagpur (Central Jail)..	..	..	858	..	4	4
Wardha	..	..	..	..	..	..
Chanda	..	..	..	..	..	..
Chhindwara	..	..	..	..	..	..
Betul	..	..	..	..	..	..
Jubbulpore	..	..	..	..	..	..
Saugor	..	..	..	..	..	..
Mandla	..	..	..	..	..	..
Hoshangabad	..	..	..	..	..	..
Nimar	..	..	..	..	..	..
Raipur (Jail)	..	..	1,264	..	5	5
Bilaspur	..	..	..	..	..	..
Drug	..	..	..	..	..	..
Bhandara	..	..	..	..	..	..
Balaghat	..	..	..	..	..	..
Amraoti	..	..	887	..	54	12
Yeotmal	..	..	..	..	..	..
Akola	..	..	567	..	5	5
Buldana	..	..	..	..	..	..
Total ..	..	..	3,576	..	68	26

VACCINATION

CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940-41

vaccination			Revaccination			Percentage of successful cases in which the results were known		Percentage of unknown cases to total cases	
Successful									
One and under six years	Total of all ages	Unknown	Total	Successful	Unknown	Primary	Re-vaccination	Primary	Re-vaccination
..	4	..	854	26	..	100·00	3.04	..	..
..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..
.	..	..	..	..	..	..	..	..	..
5	5	..	1,259	18	..	100·00	1.43	..	..
..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..
1	13	..	833	99	..	24.07	11.88	..	..
..	..	..	..	..	..	..	..	..	..
..	5	..	562	68	4	100.00	18.99	..	0.71
..	..	..	..	..	..	..	..	..	..
6	27	..	3,508	211	4	39.71	6.02	..	0.11

COMPARATIVE STATEMENT No. IV—SHOWING THE NUMBER OF SUCCESS FULLY VACCINATED IN THE CENTRAL PROVINCES AND

Establishment	Persons primarily — Year ending 1930: Total number	1930: Number successfully vaccinated	1931: Total number	1931: Number successfully vaccinated	1932: Total number	1932: Number successfully vaccinated
Government ..	..	..	..	..	..	..
Municipal ..	48,533	40,252	45,896	40,683	48,069	43,351
Local and District Fund ..	468,530	402,900	462,611	403,478	481,384	419,785
Dispensaries ..	1,705	1,182	428	345	430	372
Others ..	2,331	2,314	2,703	2,390	2,584	2,496
Army ..	..	..	..	..	..	..
Europeans ..	..	..	..	..	..	..
Natives ..	..	..	..	..	..	..
Total ..	521,099	446,648	511,638	446,896	532,467	466,004

Establishment			Persons primarily — 1936: Total number	1936: Number successfully vaccinated	1937: Total number	1937: Number successfully vaccinated
Government	..	..	..	..	..	..
Municipal	..	..	60,661	56,819	57,715	53,865
Local and District Fund	..	..	501,222	464,937	470,187	436,541
Dispensaries	..	..	315	273	151	151
Others	..	..	3,638	3,292	1,337	1,074
Army	..	..	..	..	..	..
Europeans	..	..	..	..	..	..
Natives	..	..	..	..	..	..
Total		..	565,836	525,321	529,390	491,631

PERSONS PRIMARILY VACCINATED AND THE NUMBER OF PERSONS WHO WERE
BERAR IN EACH OF THE UNDER-MENTIONED OFFICIAL YEAR

vaccinated

31st March

1933 Total number	1933 Number successfully vaccinated	1934 Total number	1934 Number successfully vaccinated	1935 Total number	1935 Number successfully vaccinated
..	..	..	..	..	..
54,224	48,835	57,068	53,590	59,179	51,263
501,917	445,363	510,223	472,398	504,462	469,241
465	404	353	323	65	61
6,027	3,279	3,189	2,999	3,693	3,629
..	..	..	..	..	..
..	..	..	..	..	..
..	..	..	..	..	..
562,633	497,881	570,833	529,310	567,399	524,194

vaccinated—*cont*.

1938 Total number	1938 Number successfully vaccinated	1939 Total number	1939 Number successfully vaccinated	1940 Total number	1940 Number successfully vaccinated	1941 Total number	1941 Number successfully vaccinated
..	..	..	..	..	..	..	..
57,612	54,129	56,939	53,413	65,507	59,779	59,012	54,058
461,635	423,409	453,503	421,448	428,382	392,182	449,820	389,957
634	617	98	65	95	50	68	27
772	724	4,212	3,968	1,966	1,772	810	805
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
520,653	478,879	514,752	478,894	495,950	453,783	509,710	444,847

STATEMENT No. V.—SHOWING THE PARTICULARS OF VACCINATION

District	Total number of persons vaccinated		Total number inspected			
			By Civil Surgeons		By Assistant Supdts. or other inspecting officers	
	Primary vaccination	Re-vaccination	Primary vaccination	Re-vaccination	Primary vaccination	Re-vaccination
Nagpur ..	28,214	23,379	163	13	8,215	3,222
Wardha ..	14,999	10,085	499	..	3,590	1,680
Chanda ..	27,886	11,763	1,987	132	8,113	1.690
Chhindwar ..	29,252	31,579	1,299	16	5,367	2,116
Betul ..	14,132	1,829	1,105	72	3,271	484
Jubbulpore ..	24,432	3,557	389	..	7,142	466
Saugor ..	34,738	6,777	910	..	9,721	567
Mandla ..	10,784	4,442	..	..	830	299
Hoshangabad ..	25,057	7,636	88	..	2,515	259
Nimar ..	17,783	4,120	694	..	5,429	930
Raipur ..	48,817	22,158	431	..	9,386	4,986
Bilaspur ..	48,892	6,395	324	..	11,218	181
Drug ..	29,180	10,698	454	7	8,477	824
Bhandara ..	26,558	47,945	3,247	1,115	8,518	2,558
Balaghat ..	13,702	15,633	1,287	35	3,027	1,034
Amraoti ..	31,962	23,689	151	976	15,057	7,564
Yeotmal ..	25,105	6,601	356	..	7,084	647
Akola ..	29,452	9,374	77	28	14,237	2,124
Buldana ..	27,887	17,562	1,486	44	10,415	2,384
Total ..	508,832	265,222	14,947	2,438	141,612	34,015

Percentage of inspection to total number vaccinated				Percentage of cases found successful to total number inspected				Percentage of success reported by vaccinators	
By Civil Surgeons		By Assistant Supdts. or other inspecting officers		By Civil Surgeons		By Assistant Supdts. or other inspecting officers		Primary vaccination	Re-vaccination
Primary vaccination	Re-vaccination	Primary vaccination	Re-vaccination	Primary vaccination	Re-vaccination	Primary vaccination	Re-vaccination		
0.58	0.06	29.12	13.78	100.00	100.00	95.09	64.46	92.43	33.77
3.33	..	23.93	16.66	97.98	..	96.49	23.93	99.51	45.83
7.13	1.12	29.09	14.37	99.80	26.51	93.42	50.24	97.96	60·93
4.44	0.05	18.35	6.70	90.61	43.75	84.83	69.52	98.96	74.49
7.82	3.94	23.15	26·46	83.26	86.11	99.69	65.29	98.86	68.69
2.70	..	49.49	13.10	97.43	..	85.45	63.73	85.05	44.35
2.62	..	27.98	8.37	94.83	..	95.54	49.91	98.85	60.72
..	..	7.70	6.73	..	..	94.70	88.29	98.81	15.38
0.35	..	10.04	3.39	94.32	..	65.88	49.80	95.21	42.31
3.90	..	30.53	22.57	97.98	..	93.48	51.29	98.01	72.52
0.88	..	19.23	22.50	99.77	..	96.16	93.78	89.62	76.27
0.66	..	22.94	2.83	98.15	..	161.47	307.18	78.43	64.17
1.56	0.07	29.05	7.70	98.90	57.14	6.06	12.50	97.49	88.29
12.23	2.33	32.07	5.34	97.51	23.50	97.26	41.05	98.24	53.94
9.39	0.22	22.09	6.61	88.81	51.43	98.44	92.94	97.76	83.75
0.47	4.12	47.11	31.93	74.17	12.91	93.97	47.87	94.70	49.71
1.42	..	28.22	9.80	95.51	..	86.98	43.89	86.89	53.87
0.26	0.30	48.34	22.66	96.10	82.14	86.82	52.78	89.84	41.76
5.33	0.25	37.35	13.57	96.84	61.36	92.33	32.34	93.09	48.26
3.00	0.92	28.39	12.83	95.04	23.67	85.96	57.94	93.18	54.03

APPENDIX A

STATEMENT SHOWING THE NUMBER OF VACCINATIONS PERFORMED IN THE MUNICIPAL TOWNS ON CHILDREN UNDER ONE YEAR OF AGE IN 1940-41

Towns	Number of births during the year	Number of deaths among children under one year during the year	Number of successful vaccinations on children under one year during the year ending the 31st March 1941	Date of extension of Vaccination Act to towns
Nagpur District				
Nagpur ..	11,687	3,443	6,887	29th September 1892.
Kamptee ..	867	223	487	28th June 1906.
Umrer ..	802	189	563	15th June 1900.
Ramtek ..	497	134	139	17th September 1906.
Khapa ..	294	94	118	1st October 1915.
Saoner ..	282	65	84	13th July 1914.
Kalmeshwar ..	228	41	136	19th November 1913.
Mowar ..	214	59	138	12th February 1916.
Katol ..	480	130	87	19th November 1912.
Total ..	15,351	4,378	8,639	
Wardha District				
Wardha ..	967	236	705	27th July 1897.
Hinganghat ..	952	183	650	7th September 1899.
Arvi ..	592	122	423	21st May 1900.
Deoli ..	205	42	126	2nd November 1898.
Pulgaon ..	301	57	267	7th October 1905.
Sindi ..	229	52	155	13th November 1916.
Total ..	3,246	692	2,326	
Chanda District				
Chanda ..	1,243	303	726	18th March 1919.
Warora ..	411	84	181	18th March 1919.
Total ..	1,654	387	907	
Chhindwara District				
Chhindwara ..	815	226	562	6th September 1893.
Pandhurna ..	553	147	360	30th November 1892.
Sausar ..	224	49	86	5th January 1914.
Seoni ..	784	142	302	1st March 1903.
Total ..	2,376	564	1,310	

APPENDIX A

STATEMENT SHOWING THE NUMBER OF VACCINATIONS PERFORMED IN THE MUNICIPAL TOWNS ON CHILDREN UNDER ONE YEAR OF AGE IN 1940-41—*cont*.

Towns		Number of births during the year	Number of deaths among children under one year during the year	Number of successful vaccinations on children under one year during the year ending the 31st March 1941	Date of extension of Vaccination Act to towns
Betul District					
Betul	..	439	79	286	13th May 1896.
Betul Bazar	..	242	34	70	6th September 1916.
Multai	..	165	32	107	6th September 1916.
Total	..	846	145	463	
Jubbulpore District					
Jubbulpore	..	5,543	612	3,053	17th July 1897.
Jubbulpore Cantonment	..	445	34	241	15th February 1890.
Sehora	..	360	25	55	18th December 1898.
Murwara	..	848	112	558	28th December 1898.
Total	..	7,196	783	3,907	
Saugor District					
Saugor	..	2,196	552	1,207	5th September 1898.
Saugor Cantonment	..	434	93	267	5th September 1898.
Khurai	..	378	74	35	22nd May 1895.
Deori	..	341	53	112	9th October 1899.
Etawah	..	246	57	149	28th April 1916.
Bamora	..	139	21	28	6th May 1920.
Damoh	..	1,099	194	574	22nd December 1892.
Total	..	4,833	1,044	2,372	
Mandla District					
Mandla	..	431	64	157	28th April 1898
Total	..	431	64	157	
Hoshangabad District					
Hoshangabad	..	599	153	307	5th April 1894.
Harda	..	610	154	467	24th September 1892
Seoni-Malwa	..	350	85	148	19th February 1901.
Itarsi	..	533	140	218	8th March 1916.
Sohagpur	..	399	75	122	8th March 1916.
Piparia	..	265	49	94	1st May 1920.
Pachmarhi	..	108	37	28	8th August 1906.
Narsinghpur	..	358	86	263	29th September 1892.
Kareliganj	..	259	45	48	16th September 1923
Chhota-Chhindwara	..	153	31	98	1st July 1924.
Gadarwara	..	387	112	145	29th September 1892
Total	..	4,021	967	1,938	

APPENDIX A

STATEMENT SHOWING THE NUMBER OF VACCINATIONS PERFORMED IN THE MUNICIPAL TOWNS ON CHILDREN UNDER ONE YEAR OF AGE IN 1940-41—*cont.*

Towns		Number of births during the year	Number of deaths among children under one year during the year	Number of successful vaccinations on children under one year during the year ending the 31st March 1941	Date of extension of Vaccination Act to towns
Nimar District					
Khandwa	..	1,751	424	1,076	28th August 1892.
Burhanpur	..	2,362	515	1,495	16th September 1893.
Total	..	4,113	939	2,571	
Raipur District					
Raipur	..	1,904	538	1,401	25th October 1888.
Dhamtari	..	429	85	277	18th September 1903.
Bhatapara	..	293	85	105	15th February 1916.
Total	..	2,626	708	1,783	
Bilaspur District					
Bilaspur	..	1,095	176	268	30th May 1894.
Champa	..	587	157	..	23rd January 1929
Kota	..	115	15	38	30th April 1934.
Mungeli	..	240	92	75	Act not extended
Total	..	2,037	440	381	
Drug District					
Drug	..	660	155	318	10th February 1916.
Bhandara District					
Bhandara	..	836	149	601	21st December 1895.
Pauni	..	601	113	400	15th February 1894.
Tumsar	..	404	118	146	27th June 1894.
Gondia	..	678	158	470	16th March 1916.
Total	..	2,519	538	1,617	
Balaghat District					
Balaghat	..	275	36	217	13th July 1903.
Amraoti District					
Amraoti	..	2,329	504	1,338	18th March 1893.
Amraoti Camp	..	338	48	283	18th March 1893.
Ellichpur	..	1,182	253	945	18th March 1893.
Ellichpur Camp	..	391	106	250	8th August 1894.
Anjangaon	..	657	139	501	19th January 1934.
Badnera	..	571	112	221	
Morshi	..	329	34	201	
Warud	..	360	77	164	
Daryapur	..	420	87	274	
Dhamangaon	..	249	48	183	
Chandur railway	..	233	48	179	
Sendurjana	..	279	48	271	
Chandur bazar	..	240	47	150	
Total	..	7,578	1,551	4,960	

APPENDIX A

STATEMENT SHOWING THE NUMBER OF VACCINATIONS PERFORMED IN THE MUNICIPAL TOWNS ON CHILDREN UNDER ONE YEAR OF AGE IN 1940-41—*cont.*

Towns	Number of births during the year	Number of deaths among children under one year during the year	Number of successful vaccinations on children under one year during the year ending the 31st March 1941	Date of extension of Vaccination Act to towns
Yeotmal District				
Yeotmal ..	980	133	748	22nd December 1893
Digras ..	321	58	211	22nd April 1910.
Wun ..	480	92	353	22nd April 1910.
Darwha ..	362	83	247	27th February 1932
Pusad ..	324	26	230	3rd February 1932.
Panderkaora ..	331	75	179	1st October 1931.
Umerkhed ..	356	39	208	30th June 1922.
Ghatanji ..	122	17	124	3rd February 1932
Total ..	3,276	523	2,300	
Akola District				
Akola ..	2,459	293	1,889	1st April 1894.
Akot ..	799	167	622	18th March 1893.
Basim ..	732	106	413	18th March 1893.
Karanja ..	756	161	505	1st April 1897.
Murtizapur ..	516	79	462	11th May 1917.
Balapur ..	459	74	251	The Act not brought into force.
Total ..	5,721	880	4,142	
Buldana District				
Buldana ..	291	42	266	2nd December 1893.
Khamgaon ..	1,044	148	729	18th March 1893.
Shegaon ..	688	129	417	6th August 1894.
Malkapur ..	791	56	699	2nd February 1911.
Jalgaon ..	371	69	212	27th September 1928.
Nandura ..	459	89	260	16th July 1931.
Deolgaon Raja ..	276	41	182	11th August 1932.
Chikhli ..	365	72	227	9th March 1933.
Mehkar ..	270	38	103	9th March 1933.
Total ..	4,555	684	3,095	
Grand Total ..	73,424	15,478	43,403	

STATEMENT SHOWING THE ANNUAL MORTALITY FROM SMALLPOX PROTECTED BY VACCINATION DURING

Year		Particulars		Nagpur	Wardha	Chanda
1934-35	..	Annual mortality from smallpox	..	175	178	34
		Annual proportion of persons protected by vaccination per 1,000 of population.		37.55	33.48	40.43
1935-36	..	Annual mortality from smallpox	..	..	62	86
		Annual proportion of persons protected by vaccination per 1,000 of population.		38.31	31.56	38.15
1936-37	..	Annual mortality from smallpox	..	358	64	10
		Annual proportion of persons protected by vaccination per 1,000 of population.		36.03	30.35	31.87
1937-38	..	Annual mortality from smallpox	..	97	7	6
		Annual proportion of persons protected by vaccination per 1,000 of population.		26.70	29.11	36.64
1938-39	..	Annual mortality from smallpox	..	34	22	1
		Annual proportion of persons protected by vaccination per 1,000 of population.		26.41	31.08	38.26
1939-40	..	Annual mortality from smallpox	..	666	61	101
		Annual proportion of persons protected by vaccination per 1,000 of population.		50.53	31.36	33.26
1940-41	..	Annual mortality from smallpox	..	558	359	226
		Annual proportion of persons protected by vaccination per 1,000 of population.		28.94	32.41	34.37

Year		Particulars		Nimar	Raipur	Bilaspur
1934-35	..	Annual mortality from smallpox	..	207	160	107
		Annual proportion of persons protected by vaccination per 1,000 of population.		39.47	40.09	34.74
1935-36	..	Annual mortality from smallpox	..	73	89	443
		Annual proportion of persons protected by vaccination per 1,000 of population.		36.46	37.69	31.95
1936-37	..	Annual mortality from smallpox	..	22	69	67
		Annual proportion of persons protected by vaccination per 1,000 of population.		32.73	35.41	30.37
1937-38	..	Annual mortality from smallpox	..	88	18	42
		Annual proportion of persons protected by vaccination per 1,000 of population.		37.71	38.50	33.37
1938-39	..	Annual mortality from smallpox	..	169	3	1
		Annual proportion of persons protected by vaccination per 1,000 of population.		50.23	33.52	33.80
1939-40	..	Annual mortality from smallpox	..	171	45	38
		Annual proportion of persons protected by vaccination per 1,000 of population.		38.80	33.58	28.84
1940-41	..	Annual mortality from smallpox	..	55	284	129
		Annual proportion of persons protected by vaccination per 1,000 of population.		37.51	36.85	25.97

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FOR SEVEN YEARS AND THE ANNUAL PROPORTION OF PERSONS
EACH OF THE SEVEN YEARS

Chhindwara	Betul	Jubbulpore	Saugor	Mandla	Hoshanaabad
17 35.50	17 35.50	37 33.79	176 36.56	278 51.93	172 34.43
172 35.32	172 35.32	19 41.89	185 43.28	30 40.39	104 33.14
49 29.94	49 29.94	18 36.28	99 38.43	10 40.63	26 33.29
25 38.31	1 26.57	4 32.24	1 35.07	1 31.75	33 32.02
8 39.43	.. 26.70	39 32.71	1 34.63	.. 33.71	134 31.04
39 32.65	7 28.10	159 29.96	92 30.93	7 26.52	308 32.36
534 45.83	182 36.56	36 25.04	211 34.95	61 21.13	236 28.73

Drug	Bhandara	Balaghat	Amraoti	Yeotmal	Akola	Buldana
40 41.14	97 38.01	41 31.70	65 37.58	104 35.72	73 36.12	94 38.76
54 38.17	22 37.93	50 34:31	171 34.63	584 47.09	308 39.61	409 38.61
8 42.70	2 39.36	14 37.93	74 32.40	233 32.16	55 33.23	140 31.55
2 59.95	.. 38.90	.. 35.16	7 32.76	1 30.40	3 28.24	40 36.77
1 38.39	8 39.96	.. 32.79	14 35.04	1 29.23	1 28.23	30 35.44
8 35.28	36 39.10	4 31.11	16 29.80	48 28.04	9 26.49	114 38.64
171 39.16	295 42.11	126 38.14	292 38,60	108 23.93	117 29.19	91 39.26